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April 1985

AERIAL PHOTOGRAPHIC ATLAS
PRIORITY CERCLA HAZARDOUS WASTE SITES

VOLUME 5

EPA Region 5

by

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Contract No. 68-03-3245

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LAS VEGAS, NEVADA 89114

FOREWORD

This atlas update provides aerial photographic documentation of additional U.S. Environmental Protection Agency Region 5 priority hazardous waste sites eligible for remedial response actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The atlas is intended to serve as a reference document and planning guide for hazardous waste site cleanup under CERCLA.

This atlas update covers sites designated as eligible on the National Priorities List (NPL) of September 1984. The atlas consists of a series of site location maps and color photographs with photo overlays showing site boundaries. The boundaries shown indicate the general location of the sites and are not intended to denote legal property lines or ownership nor EPA determinations of the extent of the site. A brief site description, extracted from EPA document HW-8.1 Hazardous Waste Site Descriptions, National Priorities List, August 1983, is also provided. The atlas will be updated as additional sites are proposed for inclusion on the NPL.

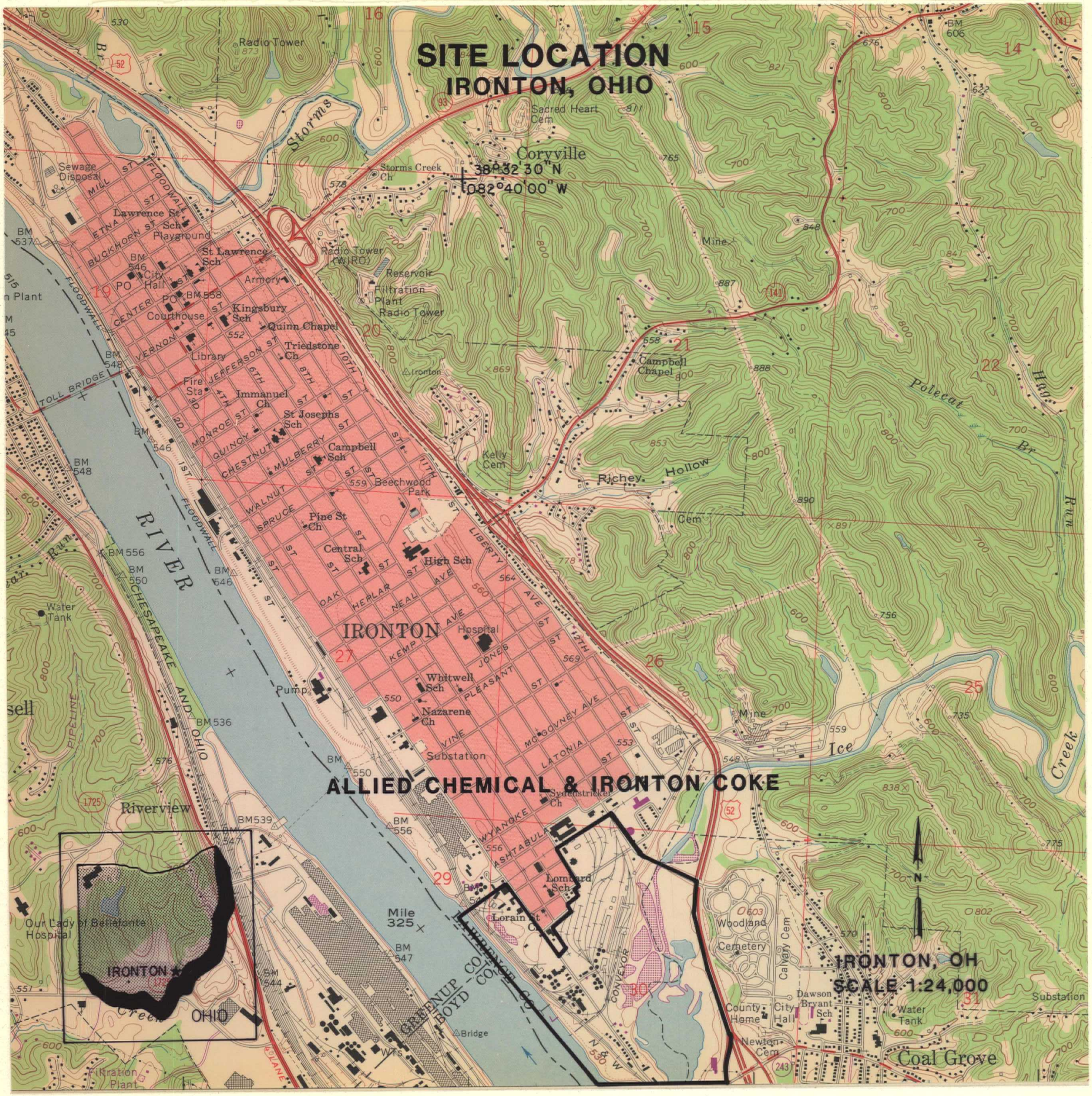
The EPA's Environmental Monitoring Systems Laboratory in Las Vegas, Nevada, maintains an index to available aerial photographic data for these priority sites.

CONTENTS

DESCRIPTION
ALLIED CHEMICAL & IRONTON COKE
Ironton, Ohio

Map Reference: USGS Topographic Quadrangle: Ironton, Ohio
Scale: 1:24,000
Geographic Coordinates: 38°30'55"N 082°39'30"W
County: Lawrence Township 1N Range 18W Section 30
EPA ID No.: OHD 043730217

The Allied Chemical & Ironton Coke site covers 40 acres in Ironton, Lawrence County, Ohio. It involves two adjacent industrial facilities that use lagoons to hold hazardous wastes on their properties. Hazardous wastes such as lime sludge and tar sludge located between the two facilities are suspected of contaminating ground water. Studies detected ammonia, chloride, cyanides, phenols, and thiocyanates in ground water, creating a potential for affecting local wells. There is also a potential for contamination of the Ohio River and Ice Creek, which supply municipal drinking water.

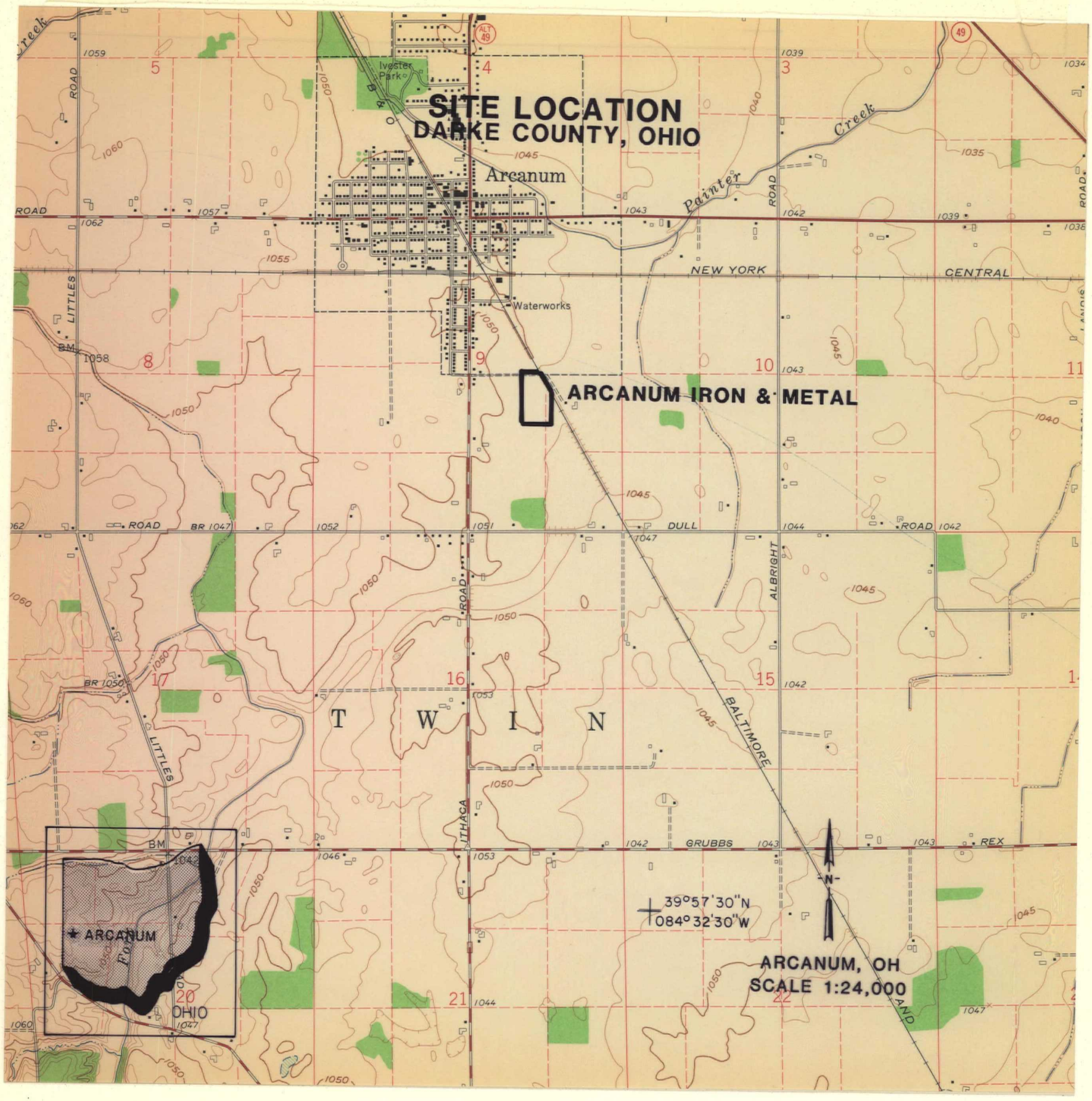

SITE LOCATION
IRONTON, OHIO
38°32'30"N
082°40'00"W
ALLIED CHEMICAL & IRONTON COKE
IRONTON, OH
SCALE 1:24,000
N
IRONTON
OHIO
Coryville
Riverview
Coal Grove
RIVER


6 -9 -84
ALLIED CHEMICAL & IRONTON COKE
IRONTON, OHIO
DATE OF PHOTOGRAPHY:
JUNE 9, 1984
APPROX. SCALE 1:6,000

DESCRIPTION
ARCANUM IRON & METAL
Darke County, Ohio

Map Reference: USGS Topographic Quadrangle: Arcanum, Ohio
Scale: 1:24,000
Geographic Coordinates: 39°58'55"N 084°32'57"W
County: Darke Township 8N Range 3E Section 9
EPA ID No.: OHD 017506171

The Arcanum Iron & Metal site covers 10 acres in Arcanum, Darke County, Ohio. The facility has been in the scrap metal/recycling business since the early 1960s. It now recycles lead batteries. Large piles of battery casings, lead, and lead oxides are on the property, as well as standing pools of acid wastes. Acid overflow from this operation has killed both fish and vegetation in Painter Creek, downstream of the site. Arcanum's water supply is furnished by wells within 1 mile of the site, and private wells are also nearby. In October 1979, the State entered into a Consent Decree with the owner to clean up the site, but the results were not satisfactory. The defendant subsequently was found in contempt of the Darke County Court of Common Pleas, but the site has not been cleaned up.


SITE LOCATION
DARKE COUNTY, OHIO
ARCANUM IRON & METAL
Arcanum
Ivester Park
Waterworks
Painter Creek
NEW YORK CENTRAL
LITTLES ROAD
ROAD
BR 1047
BR 1050
DULL
ALBRIGHT
BALTIMORE AND
ITHACA
GRUBBS
REX
T W I N
39°57'30"N
084°32'30"W
ARCANUM, OH
SCALE 1:24,000
ARCANUM
OHIO

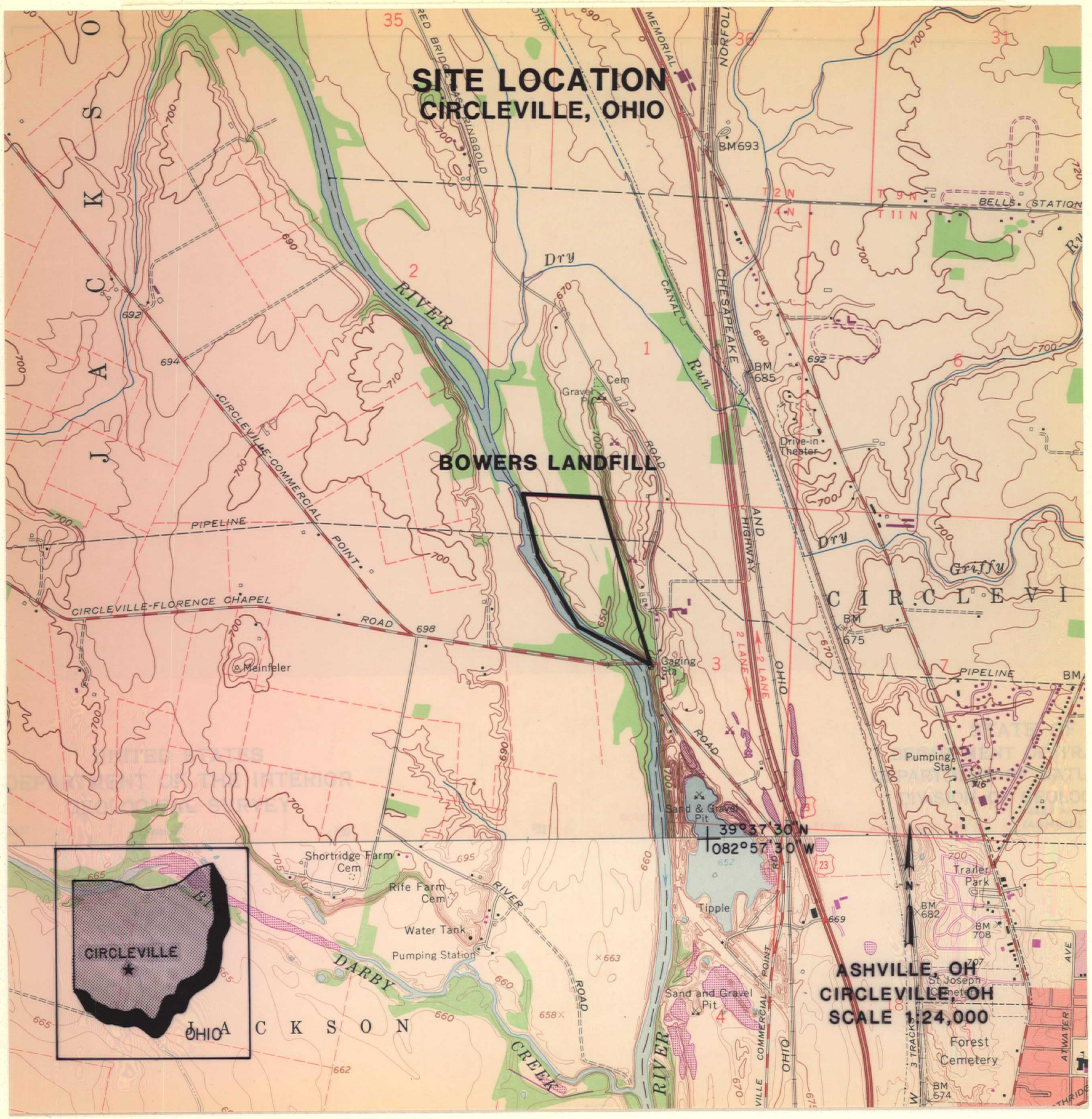

ARCANUM IRON & METAL
DARKE COUNTY, OHIO
N
DATE OF PHOTOGRAPHY
OCTOBER 2, 1984
APPROX. SCALE 1:1,170


10-2 -84 84058 3105
ARCANUM IRON & METAL
DARKE COUNTY, OHIO
DATE OF PHOTOGRAPHY
OCTOBER 2, 1984
SCALE: VARIABLE
OBLIQUE LOOKING WEST

DESCRIPTION
BOWERS LANDFILL
Circleville, Ohio

Map Reference: USGS Topographic Quadrangle: Circleville & Ashville, Ohio
Scale: 1:24,000
Geographic Coordinates: 39°38'15"N 082°57'55"W
County: Pickaway Township 4N Range 22W Section 3
EPA ID No.: OHD 980509616

Bowers Landfill, also known as Island Road Landfill, covers 80 acres about 1 mile north of Circleville, Ohio, within the Scioto River floodplain. The site is situated over a very productive aquifer (capable of yields of 1,000 gallons per minute) that supplies both industrial and domestic water. In 1958, a gravel pit started operations on the site. Shortly thereafter, a landfilling operation started in which soil from the nearby pit was used to cover refuse dumped on top of the existing surface. Little is known of the initial years of the landfill, but from 1963 to 1968, it accepted organic and inorganic chemicals and general domestic and industrial refuse. In response to a Congressional inquiry, two local chemical manufacturers stated that in excess of 7,500 tons of chemical waste (physical state and concentrations unknown) had been disposed of at this site. In July 1980, EPA identified toluene and ethylbenzene in water from the landfill.

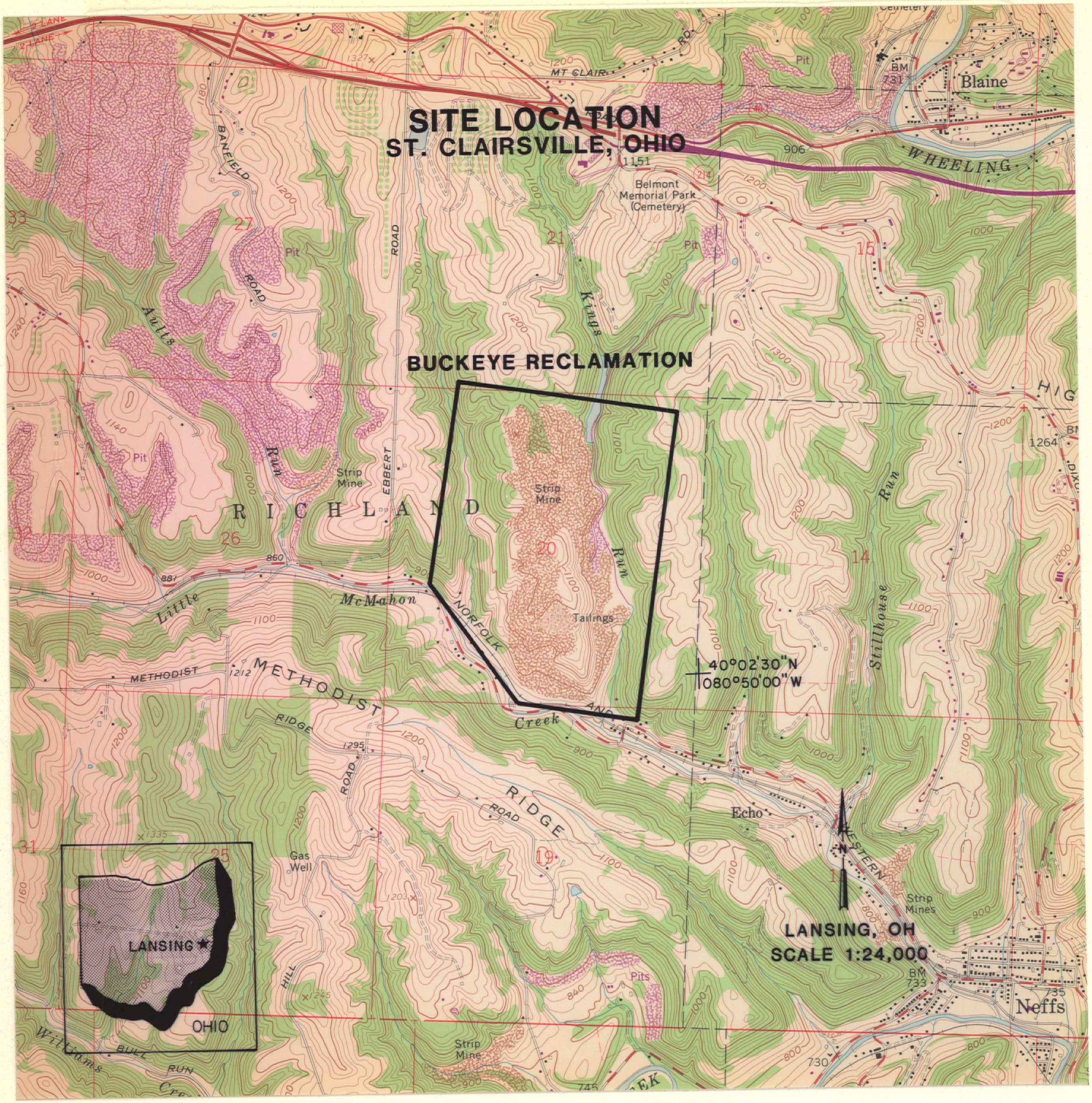

SITE LOCATION
CIRCLEVILLE, OHIO
BOWERS LANDFILL
39°37'30"N
082°57'30"W
CIRCLEVILLE
OHIO
ASHVILLE, OH
CIRCLEVILLE, OH
SCALE 1:24,000
RIVER
Dry
Run
CANAL
CHESAPEAKE
AND
OHIO
HIGHWAY
CIRCLEVILLE-COMMERCIAL POINT
ROAD
PIPELINE
CIRCLEVILLE-FLORENCE CHAPEL
ROAD
Meinfeler
Shortridge Farm Cem
Rife Farm Cem
Water Tank
Pumping Station
DARBY
CREEK
JACKSON
Gaging Sta
Sand & Gravel Pit
Tipple
Sand and Gravel Pit
Drive-in Theater
Trailer Park
Pumping Sta
Forest Cemetery
St Joseph Cemetery
BELLS STATION
BM693
BM685
BM675
BM682
BM708
BM674
T 12 N
T 11 N
T 9 N
T 8 N


BOWERS LANDFILL
CIRCLEVILLE, OHIO
N
DATE OF PHOTOGRAPHY
JUNE 4, 1984
APPROX. SCALE 1:4,500

DESCRIPTION
BUCKEYE RECLAMATION
St. Clairsville, Ohio

Map Reference: USGS Topographic Quadrangle: Lansing, Ohio
Scale: 1:24,000
Geographic Coordinates: 40°02'50"N 080°50'30"W
County: Belmont Township 6N Range 3W Section 20
EPA ID No.: OHD 980509657

The Buckeye Reclamation site, a former strip mine, covers 50 acres near St. Clairsville, Belmont County, Ohio. It was licensed as a sanitary landfill but also accepted industrial wastes, including sludges and liquids, without State approval. Industrial wastes were dumped into permeable mining wastes. The slopes of the filled area are steep, and the mining wastes used for cover are eroding. Substantial amounts of leachate from the rear of the site have entered a stream adjacent to a private home. The site has polluted McMahon Creek, which may be used for recreational purposes. There is potential to contaminate local wells.


SITE LOCATION
ST. CLAIRSVILLE, OHIO
BUCKEYE RECLAMATION
40°02'30"N
080°50'00"W
LANSING, OH
SCALE 1:24,000
LANSING ★
OHIO
Belmont
Memorial Park
(Cemetery)
Blaine
WHEELING
RICHLAND
Strip
Mine
Tailings
McMahon
Creek
NORFOLK
AND
WESTERN
METHODIST
RIDGE
ROAD
Echo
Neffs
Strip
Mines
Pits
Gas
Well
Aults
Run
Kings
Stillhouse
Little
Williams
BULL
RUN
BANFIELD
EBBERT
HILL
MT CLAIR
Pit


BUCKEYE RECLAMATION
ST. CLAIRSVILLE, OHIO
N
DATE OF PHOTOGRAPHY
OCTOBER 2, 1984
APPROX. SCALE 1:9,000


10-2 -84 84058 3118
BUCKEYE RECLAMATION
ST. CLAIRSVILLE, OHIO
DATE OF PHOTOGRAPHY
OCTOBER 2, 1984
SCALE: VARIABLE
OBLIQUE LOOKING SOUTH

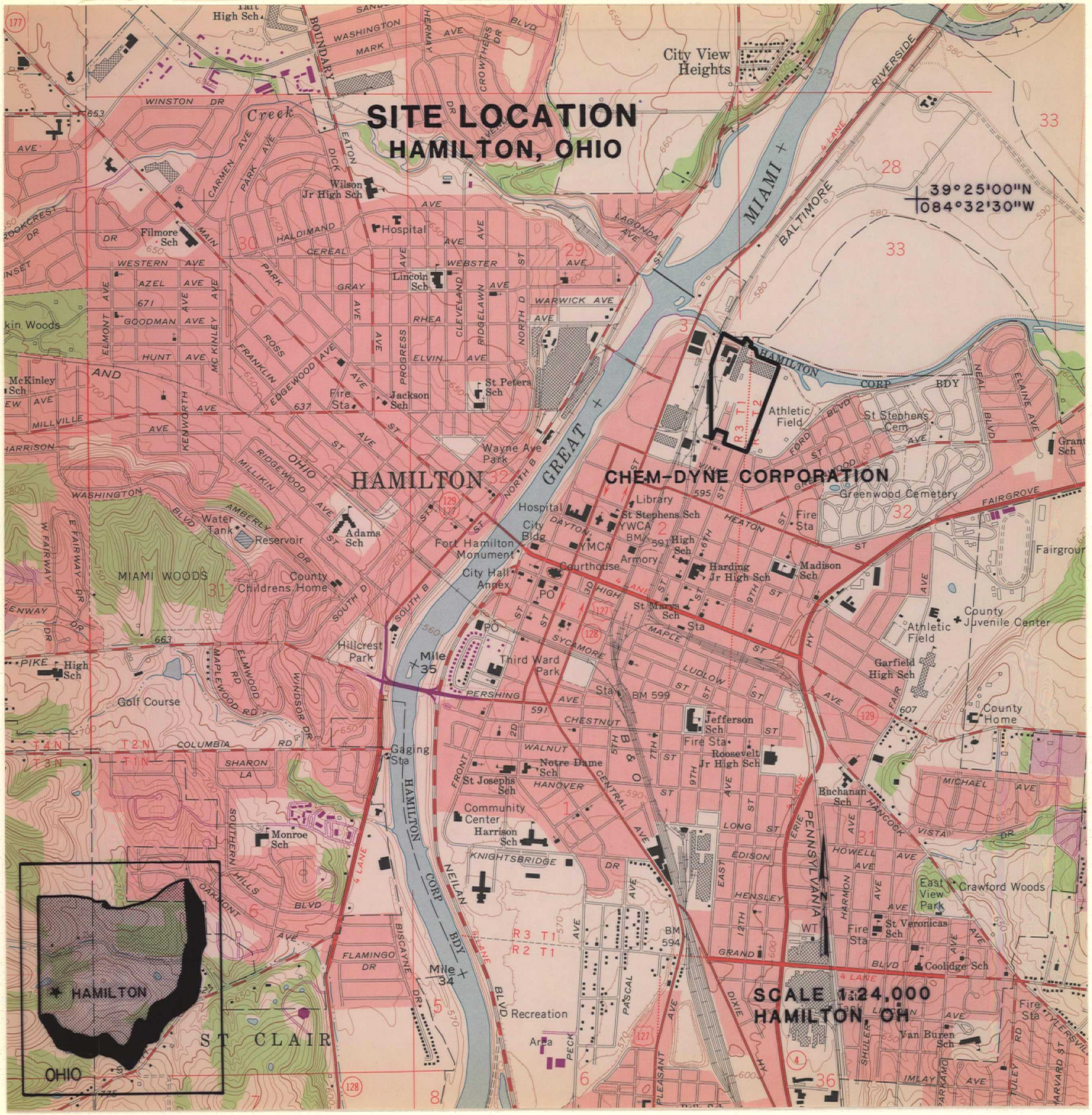
DESCRIPTION
CHEM-DYNE CORPORATION
Hamilton, Ohio

Map Reference: USGS Topographic Quadrangle: Hamilton, Ohio
Scale: 1:24,000
Geographic Coordinates: 39°24'08"N 084°33'15"W
County: Butler Township 1N Range 3E Section 2
EPA ID No.: OHD 074727793

Chem-Dyne Corporation began operating a chemical waste transfer, disposal, and storage facility on a 10-acre site in Hamilton, Ohio, in 1975. The facility handled a variety of wastes, including pesticides, PCBs, polybrominated biphenyls, TRIS, lab packs, acids, resins, solvents, heavy metals, and cyanides. Fires, explosions, and fish kills have occurred from the facility's operations. Contamination of air, soil, surface water, and ground water have been documented.

In July 1979, a stipulation and judgment entry was filed in State court requiring, among other things, that all material be removed from the site by July 1980. In February 1980, the State court appointed a receiver to direct, manage, and control the assets and business activities of Chem-Dyne and to carry out the stipulation.

In May 1980, EPA used $22,000 made available under Section 311 of the Clean Water Act to stabilize, remove, and dispose of 17 potentially explosive drums. The State has spent $300,000 on site cleanup.

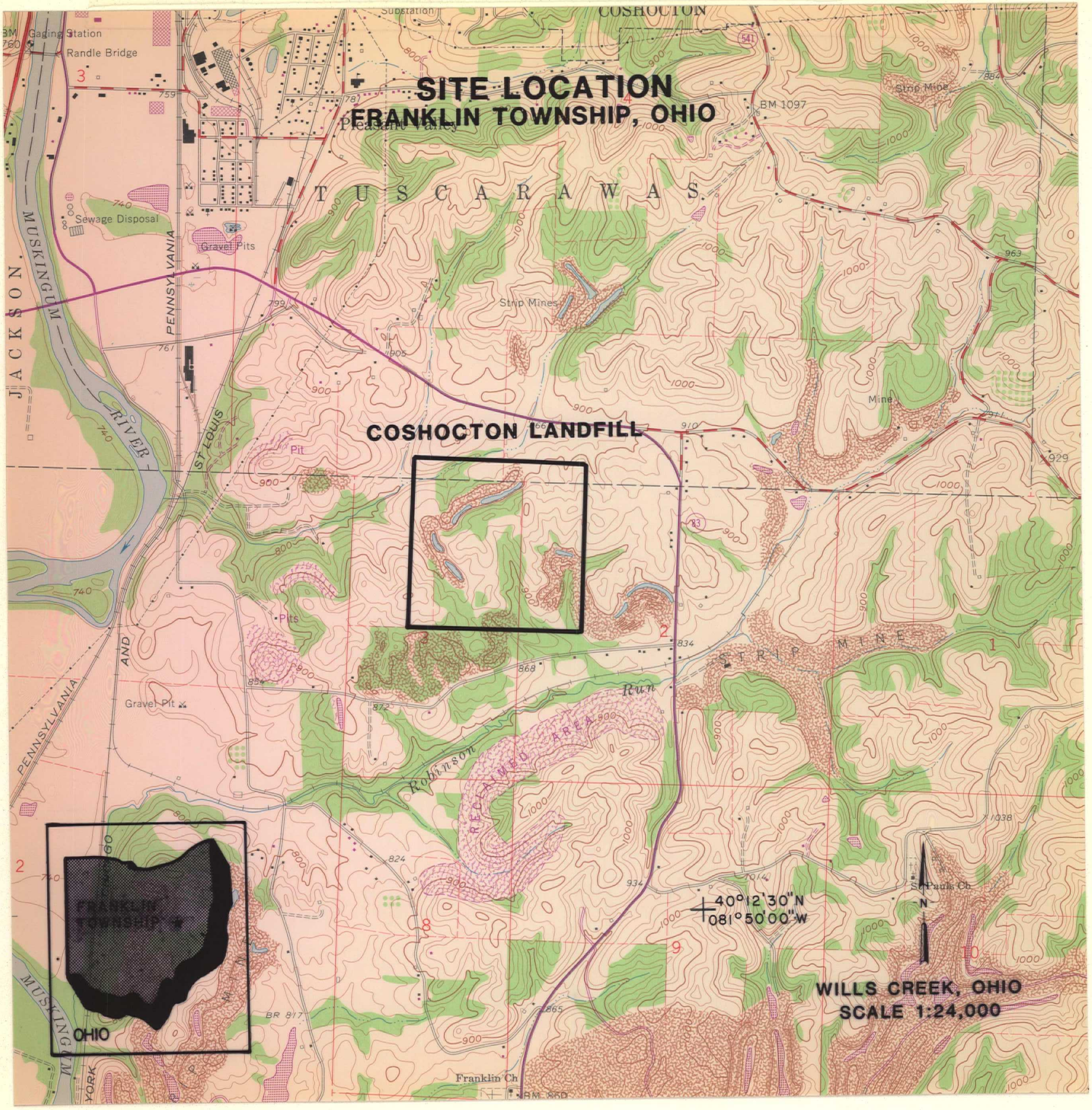

SITE LOCATION
HAMILTON, OHIO
39°25'00"N
084°32'30"W
HAMILTON
CHEM-DYNE CORPORATION
SCALE 1:24,000
HAMILTON, OH
HAMILTON
OHIO
ST CLAIR
City View Heights
Wilson Jr High Sch
Filmore Sch
Lincoln Sch
Jackson Sch
St Peters Sch
McKinley Sch
Fire Sta
Hospital
Athletic Field
St Stephens Cem
Greenwood Cemetery
Grant Sch
Wayne Ave Park
Library
St Stephens Sch
YWCA
YMCA
City Bldg
Courthouse
Armory
Harding Jr High Sch
Madison Sch
Fort Hamilton Monument
City Hall Annex
PO
Water Tank
Reservoir
Adams Sch
MIAMI WOODS
County Childrens Home
Hillcrest Park
Third Ward Park
Golf Course
High Sch
Gaging Sta
Notre Dame Sch
St Josephs Sch
Community Center
Harrison Sch
Monroe Sch
Jefferson Sch
Roosevelt Jr High Sch
Fire Sta
St Marys Sch
Garfield High Sch
County Juvenile Center
County Home
Buchanan Sch
East View Park
Crawford Woods
St Veronicas Sch
Coolidge Sch
Van Buren Sch
Recreation Area
Mile 35
Mile 34
MIAMI
GREAT
BALTIMORE
PENNSYLVANIA
RIVERSIDE
HAMILTON CORP BDY
NEILAN
BOUNDARY
MAIN
PARK
CLEVELAND
RIDGELAWN
PROGRESS
EDGEWOOD
FRANKLIN
ROSS
MILLVILLE
HARRISON
WASHINGTON BLVD
MAPLE
SYCAMORE
PERSHING
CHESTNUT
WALNUT
HANOVER
KNIGHTSBRIDGE
HENSLEY
EDISON
LONG
GRAND
HEATON
DAYTON
FAIRGROVE
MICHAEL
HAWCOCK
VISTA
HOWELL
COLUMBIA RD
SOUTHERN HILLS
OAKMONT
FLAMINGO
BISCAYNE
PECK
PASCAL
DIXIE
IMLAY
PARKAMO
SHULER
TULEY RD
HARVARD ST
T4N
T3N
T2N
T1N
R3 T1
R2 T1
5TH B & O
4 LANE


CHEM-DYNE CORPORATION
HAMILTON, OHIO
N
DATE OF PHOTOGRAPHY
JULY 25, 1980
APPROX. SCALE 1:3400

DESCRIPTION
COSHOCTON LANDFILL
Franklin Township, Ohio

Map Reference: USGS Topographic Quadrangle: Wills Creek, Ohio
Scale: 1:24,000
Geographic Coordinates: 40°13'30"N 081°50'55"W
County: Coshocton Township 4N Range 6W Section 3
EPA ID No.: OHD 980509830

The Coshocton Landfill covers 50 acres in Franklin Township, Coshocton County, Ohio. From 1969 to 1979, the site was operated by the City of Coshocton as a sanitary landfill. It also accepted industrial wastes, including (reportedly) paints, sewage, oily wastes, chlorinated organic solvents, PCBs, caustics, and various organic compounds and metals. After landfill operations stopped, surface coal mining started. Leachate is discharging to a tributary of the Muskingum River.

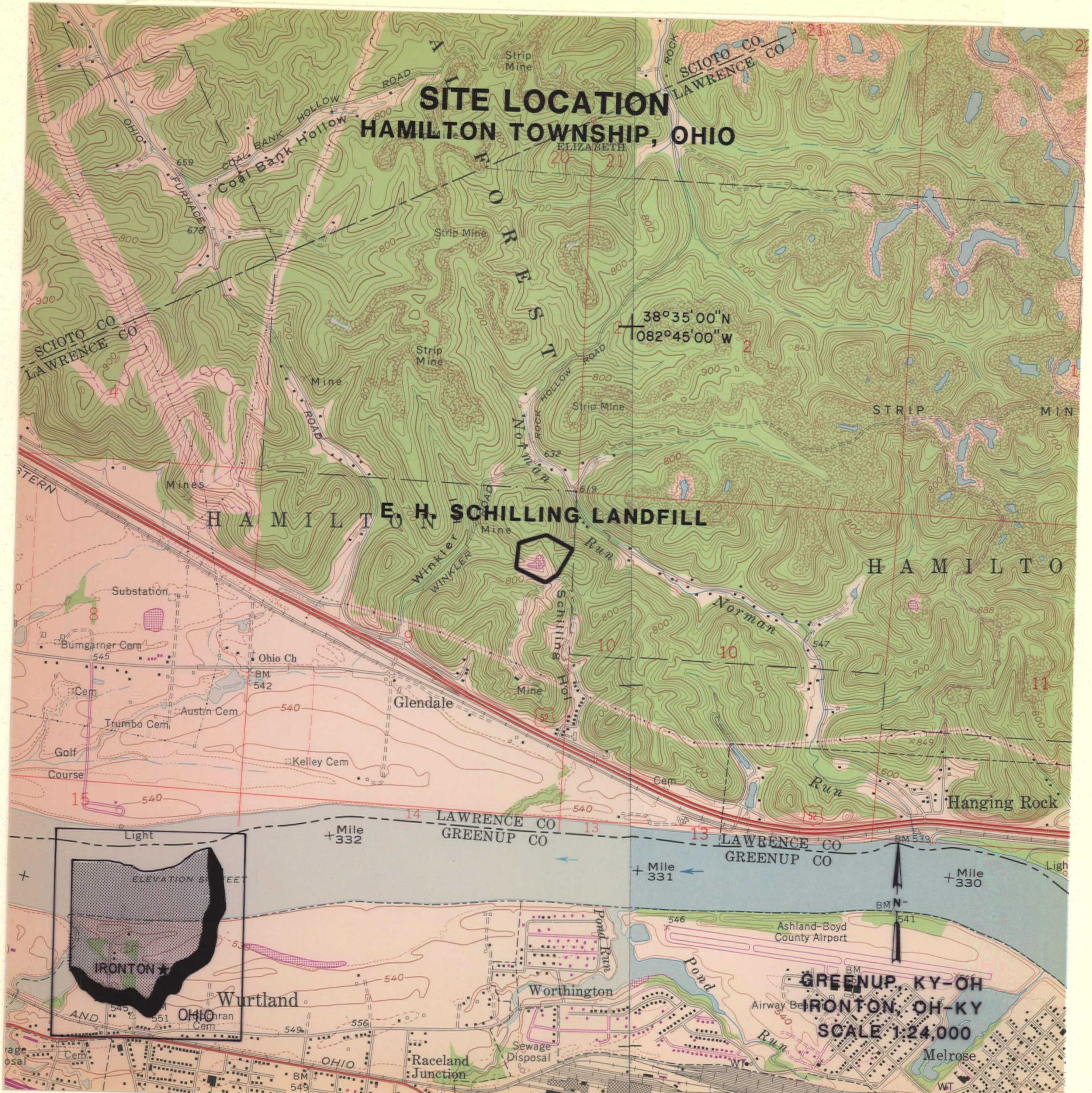

SITE LOCATION
FRANKLIN TOWNSHIP, OHIO
COSHOCTON LANDFILL
40°12'30"N
081°50'00"W
WILLS CREEK, OHIO
SCALE 1:24,000
N
OHIO
COSHOCTON
Substation
Gaging Station
Randle Bridge
BM 1097
Strip Mine
Strip Mines
Mine
Sewage Disposal
Gravel Pits
Gravel Pit
Pit
Pits
T U S C A R A W A S
JACKSON
MUSKINGUM RIVER
PENNSYLVANIA
ST LOUIS
AND
Robinson Run
RECLAIMED AREA
STRIP MINE
Franklin Ch
St Pauls Ch


7 -26-83 83091 1 6000
COSHOCTON LANDFILL
FRANKLIN TOWNSHIP, OHIO
N
DATE OF PHOTOGRAPHY
JULY 26, 1983
APPROX. SCALE 1:6,000

DESCRIPTION
E.H. SCHILLING LANDFILL
Hamilton Township, Ohio

Map Reference: USGS Topographic Quadrangle: Ironton & Greenup, Ohio
Scale: 1:24,000
Geographic Coordinates: 38°34'21"N 082°45'20"W
County: Lawrence Township 1N Range 19W Section 9
EPA ID No.: OHD 980509947

E.H. Schilling Landfill covers 5 acres in Hamilton Township, 4.5 miles downriver from Ironton, Ohio. The site, which was privately owned and operated, was licensed by the State to receive industrial waste. It operated from April 1972 until July 1980, when its license was revoked because it accepted liquid waste and failed to cover waste properly with soil. While the landfill was operating, hazardous substances entered surface water. After the landfill closed, the site was covered. Leachate is still migrating from the landfill, although the owner has attempted to contain the flow.

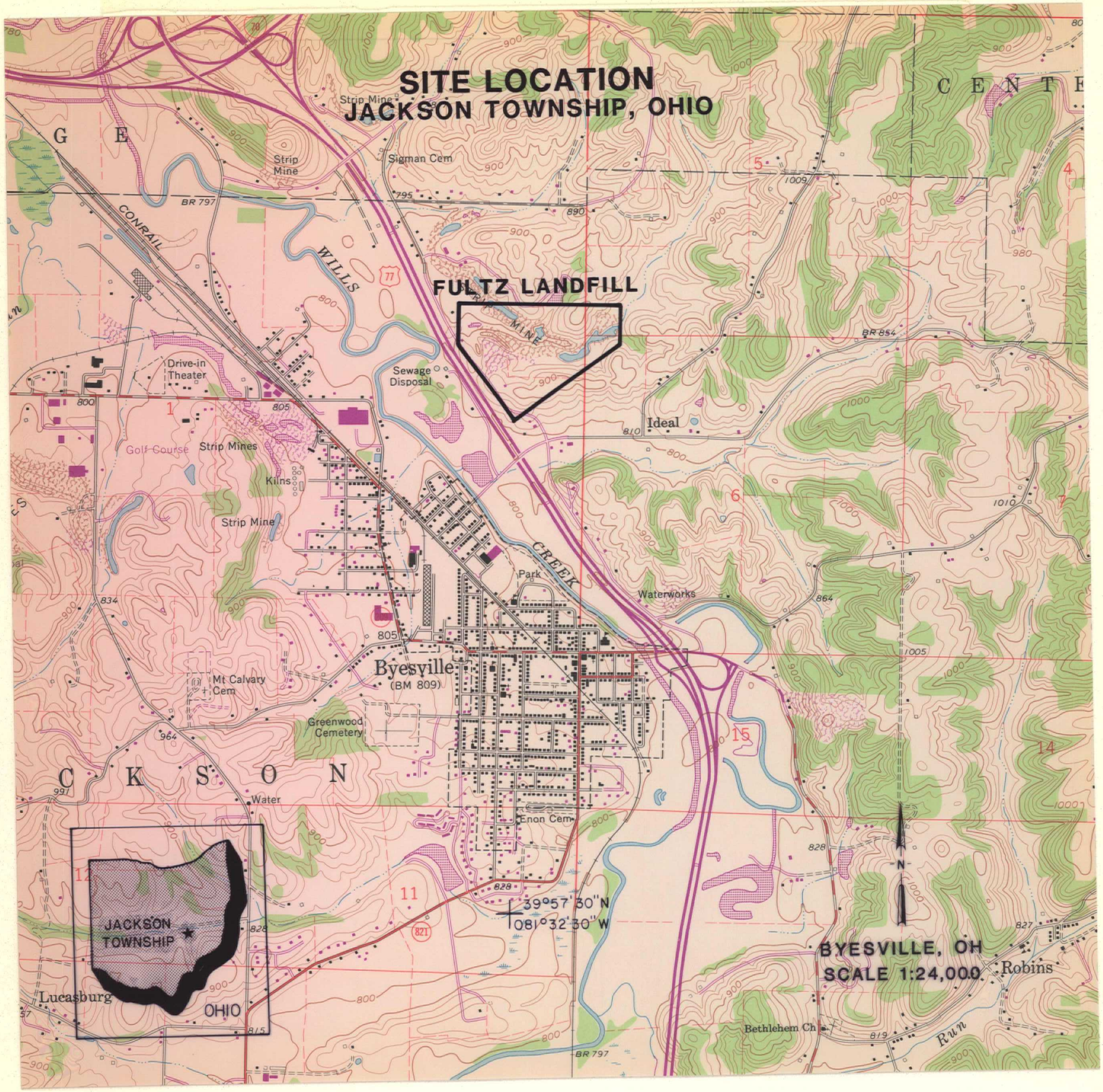

SITE LOCATION
HAMILTON TOWNSHIP, OHIO
E. H. SCHILLING LANDFILL
38°35'00"N
082°45'00"W
GREENUP, KY-OH
IRONTON, OH-KY
SCALE 1:24,000
IRONTON
OHIO
SCIOTO CO
LAWRENCE CO
GREENUP CO
Hanging Rock
Glendale
Wurtland
Worthington
Raceland Junction
Melrose
Ashland-Boyd County Airport
Coal Bank Hollow
Norman Run
Schilling Hol
Winkler
Pond Run
Mile 332
Mile 331
Mile 330
Strip Mine
Mine
Substation
Bumgarner Cem
Ohio Ch
Austin Cem
Trumbo Cem
Kelley Cem
Golf Course
Sewage Disposal
HAMILTON


E. H. SCHILLING LANDFILL
HAMILTON TOWNSHIP, OHIO
DATE OF PHOTOGRAPHY
JUNE 9, 1984
APPROX. SCALE 1:1,350

DESCRIPTION
FULTZ LANDFILL
Jackson Township, Ohio

Map Reference: USGS Topographic Quadrangle: Byesville, Ohio
Scale: 1:24,000
Geographic Coordinates: 39°59'05"N 081°32'30"W
County: Guernsey Township 1N Range 3W Section 1,12
EPA ID No.: OHD 980794630

The Fultz Landfill covers 40 acres in Jackson Township, Guernsey County, Ohio. It is a privately-owned landfill that accepts a variety of industrial and commercial wastes. Contaminants (including ethylene glycol and methylene chloride) have been found in nearby Will's Creek. A trace of methylene chloride has also been found in Byesville's municipal water.


SITE LOCATION
JACKSON TOWNSHIP, OHIO
FULTZ LANDFILL
Strip Mine
Sigman Cem
CONRAIL
BR 797
WILLS
CREEK
Drive-in Theater
Sewage Disposal
Golf Course
Strip Mines
Kilns
Strip Mine
Park
Waterworks
Ideal
BR 854
Byesville
(BM 809)
Mt Calvary Cem
Greenwood Cemetery
Water
Enon Cem
39°57'30"N
081°32'30"W
JACKSON TOWNSHIP
OHIO
Lucasburg
BYESVILLE, OH
SCALE 1:24,000
Robins
Bethlehem Ch
Run
BR 797


FULTZ LANDFILL
JACKSON TOWNSHIP, OHIO
DATE OF PHOTOGRAPHY
JUNE 4, 1984
APPROX. SCALE 1:3,000


-84 84058
FULTZ LANDFILL
JACKSON TOWNSHIP, OHIO
DATE OF PHOTOGRAPHY:
JUNE 4, 19
SCALE: VARIABLE
OBLIQUE LOOKING SOUTH

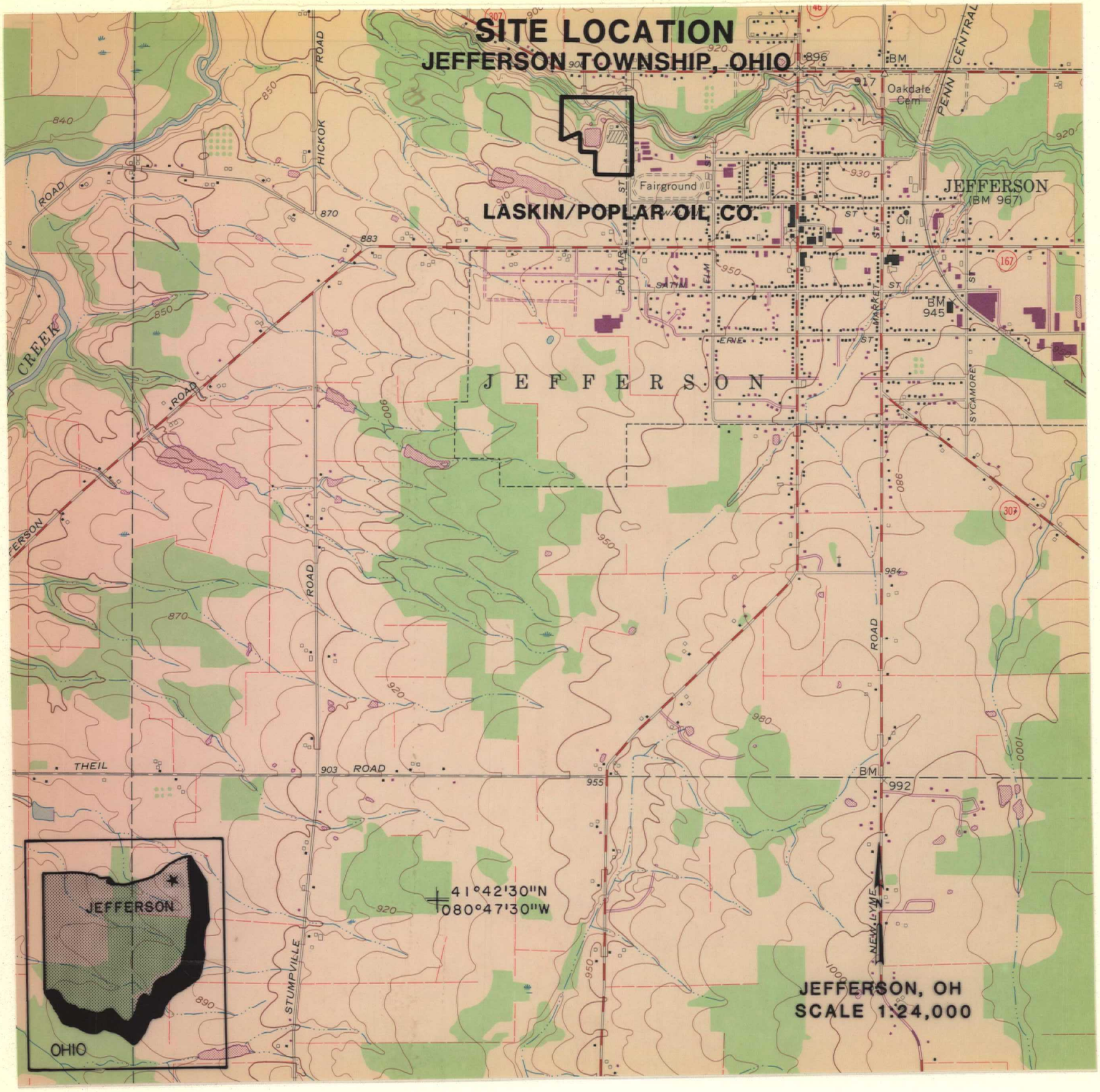
DESCRIPTION
LASKIN/POPLAR OIL CO.
Jefferson Township, Ohio

Map Reference: USGS Topographic Quadrangle: Jefferson, Ohio
Scale: 1:24,000
Geographic Coordinates: 41°44'36"N 080°45'54"W
County: Ashtabula Township 11N Range 3W Section 20
EPA ID No.: OHD 061722211

The Laskin/Poplar Oil Co. Site covers 10 acres in Jefferson Township, Ashtabula County, Ohio. It is an abandoned greenhouse and waste oil recovery operation. Liquids stored in ponds and tanks contain heavy metals, PCBs, and other organics. The tanks and ponds have the potential to overflow, leak, or collapse because of poor construction and maintenance. Any contaminants released would enter Cemetery Creek, which runs adjacent to the site. The creek, a tributary of the Grand River, is the source of drinking water for 24,000 Ashtabula County residents.

In late 1980, following a discharge of oil into Cemetery Creek, emergency response funds under Section 311 of the Clean Water Act were used for cleanup and containment activities. In early 1981, emergency funds were needed to prevent oil from spilling into the creek. The cost of the two actions was $479,000.

The Department of Justice, on behalf of EPA, brought a Federal civil action seeking injuncting relief against parties responsible for wastes at the site. This resulted in a suit in 1979 under the Resource Conservation and Recovery Act. A Consent Decree in 1980 committed the company to clean up the site. When it did not, $1.2 million in CERCLA emergency funds were allocated to eliminate the threat posed by two open storage tanks and two large lagoons containing contaminated oil.


SITE LOCATION
JEFFERSON TOWNSHIP, OHIO
LASKIN/POPLAR OIL CO. 1
JEFFERSON
(BM 967)
Fairground
Oakdale Cem
PENN CENTRAL
HICKOK ROAD
ROAD
CREEK
POPLAR ST
ELM ST
MARKET ST
ERIE ST
SYCAMORE ST
Oil
BM 945
BM 992
THEIL
903 ROAD
STUMPVILLE
NEW LYME
41°42'30"N
080°47'30"W
JEFFERSON
OHIO
JEFFERSON, OH
SCALE 1:24,000

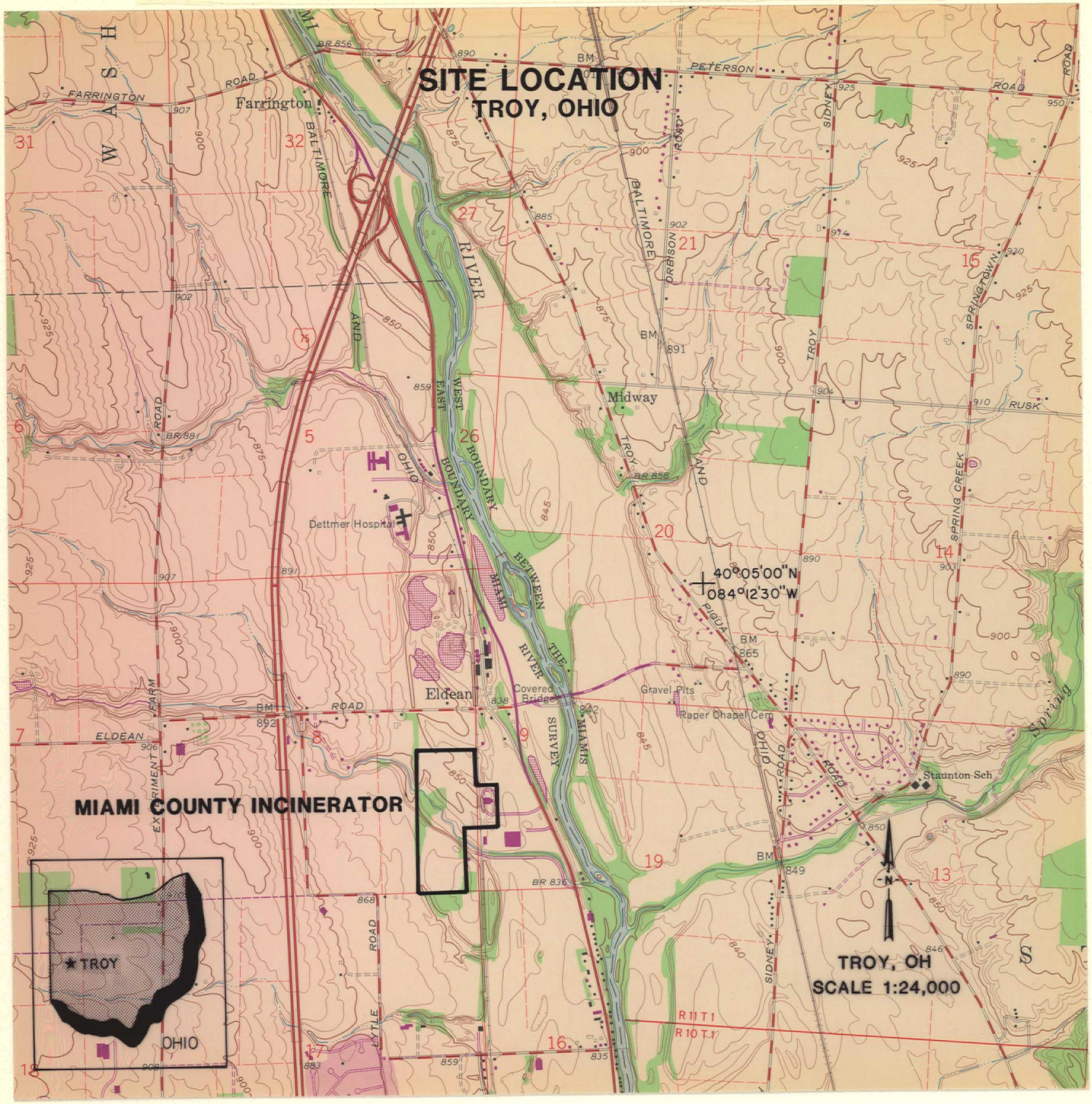

LASKIN/POPLAR OIL CO.
JEFFERSON TOWNSHIP, OHIO
N
DATE OF PHOTOGRAPHY
JUNE 14, 1982
APPROX. SCALE 1:3,000

DESCRIPTION
MIAMI COUNTY INCINERATOR
Troy, Ohio

Map Reference: USGS Topographic Quadrangle: Troy, Ohio
Scale: 1:24,000
Geographic Coordinates: 40°04'27"N 084°13'27"W
County: Miami Township 5N Range 6E Section 9
EPA ID No.: OHD 980611800

The Miami County Incinerator and its associated landfill, owned and operated by the county, are located in Miami County, Ohio, 2 miles north of Troy and 1,500 feet west of the Great Miami River. When it opened in 1968, it was envisioned to be an environmentally safe, cost-effective disposal method for residential, commercial, and industrial wastes for 20 years. Nonburnables and incinerator residue were to be landfilled on the site. All landfilling operations stopped in 1978, and the site now serves as a transfer station for wastes that are disposed of elsewhere. A combination of poor geologic location and unsound disposal practices resulted in significant contamination to one of the most productive aquifers in Ohio. Solid wastes were landfilled within 6 feet of the water table. Scrubber water from the incinerator stacks and quench water from the ashes were discharged to an infiltration lagoon. Bulk liquid wastes (estimates vary from 104,000 to 150,000 drum equivalents) were allowed to percolate directly into the ground. It is believed that this practice was stopped in 1974.

Heavy metals, chlorinated hydrocarbons, and aromatic solvents contaminate the aquifer. The nearest residential wells are about 1,000 feet downgradient of polluted wells. Municipal wells serving 19,000 people are within 3 miles of the site.


SITE LOCATION
TROY, OHIO
MIAMI COUNTY INCINERATOR
Farrington
Midway
Eldean
Dettmer Hospital
Gravel Pits
Raper Chapel Cem
Staunton Sch
Covered Bridge
FARRINGTON ROAD
PETERSON ROAD
BALTIMORE AND OHIO
SIDNEY ROAD
TROY SIDNEY ROAD
SPRINGTOWN ROAD
RUSK ROAD
ELDEAN ROAD
EXPERIMENT FARM ROAD
LYTLE ROAD
PIQUA TROY ROAD
BR 856
BR 881
BR 858
BR 836
WEST BOUNDARY
EAST BOUNDARY
MIAMI RIVER
THE MIAMIS RIVER SURVEY
BETWEEN
SPRING CREEK
40°05'00"N
084°12'30"W
R11 T1
R10 T1
TROY
OHIO
TROY, OH
SCALE 1:24,000

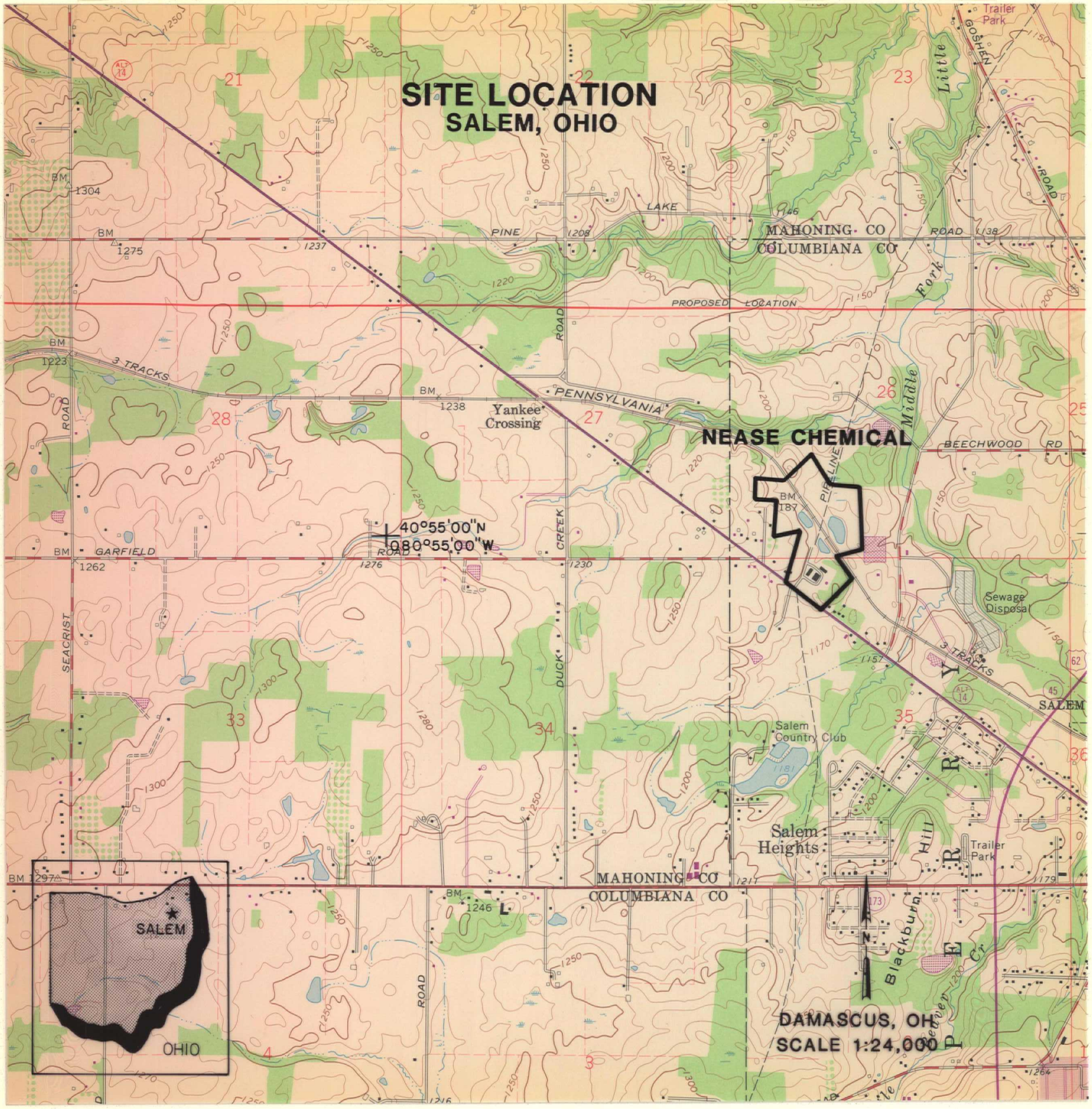

MIAMI COUNTY INCINERATOR
TROY, OHIO
N
DATE OF PHOTOGRAPHY
JUNE 26, 1984
APPROX. SCALE 1:3,000


6-26-84 84058
MIAMI COUNTY INCINERATOR
TROY, OHIO
1040
DATE OF PHOTOGRAPHY
JUNE 26, 1984
SCALE: VARIABLE
OBLIQUE LOOKING EAST

DESCRIPTION
NEASE CHEMICAL
Salem, Ohio

Map Reference: USGS Topographic Quadrangle: Damascus, Ohio
Scale: 1:24,000
Geographic Coordinates: 40°55'00"N 080°53'30"W
County: Mahoning Township 17N Range 4W Section 26,35
EPA ID No.: OHD 980610018

The Nease Chemical site occupies 20 acres in Salem, Mahoning County, Ohio. It manufactured chemicals such as pesticides and fire retardants from 1961 until 1973, when the State closed it because it discharged waste water illegally. While the plant was operating, process wastes were put into drums, which were then buried on-site. Also, wastes were placed in unlined lagoons as part of waste water treatment. The drums are leaking, and the lagoons are leaching. An on-site well and leachate from a lagoon contain organic compounds, including chlorinated organics.


SITE LOCATION
SALEM, OHIO
NEASE CHEMICAL
PROPOSED LOCATION
MAHONING CO
COLUMBIANA CO
Yankee Crossing
Salem Heights
Salem Country Club
Sewage Disposal
Trailer Park
3 TRACKS
PENNSYLVANIA
LAKE PINE ROAD
BEECHWOOD RD
GOSHEN ROAD
GARFIELD ROAD
SEACRIST ROAD
DUCK CREEK ROAD
PIPE LINE
Little Beaver Creek
Middle Fork
Blackburn Hill
40°55'00"N
80°55'00"W
SALEM
OHIO
DAMASCUS, OH.
SCALE 1:24,000

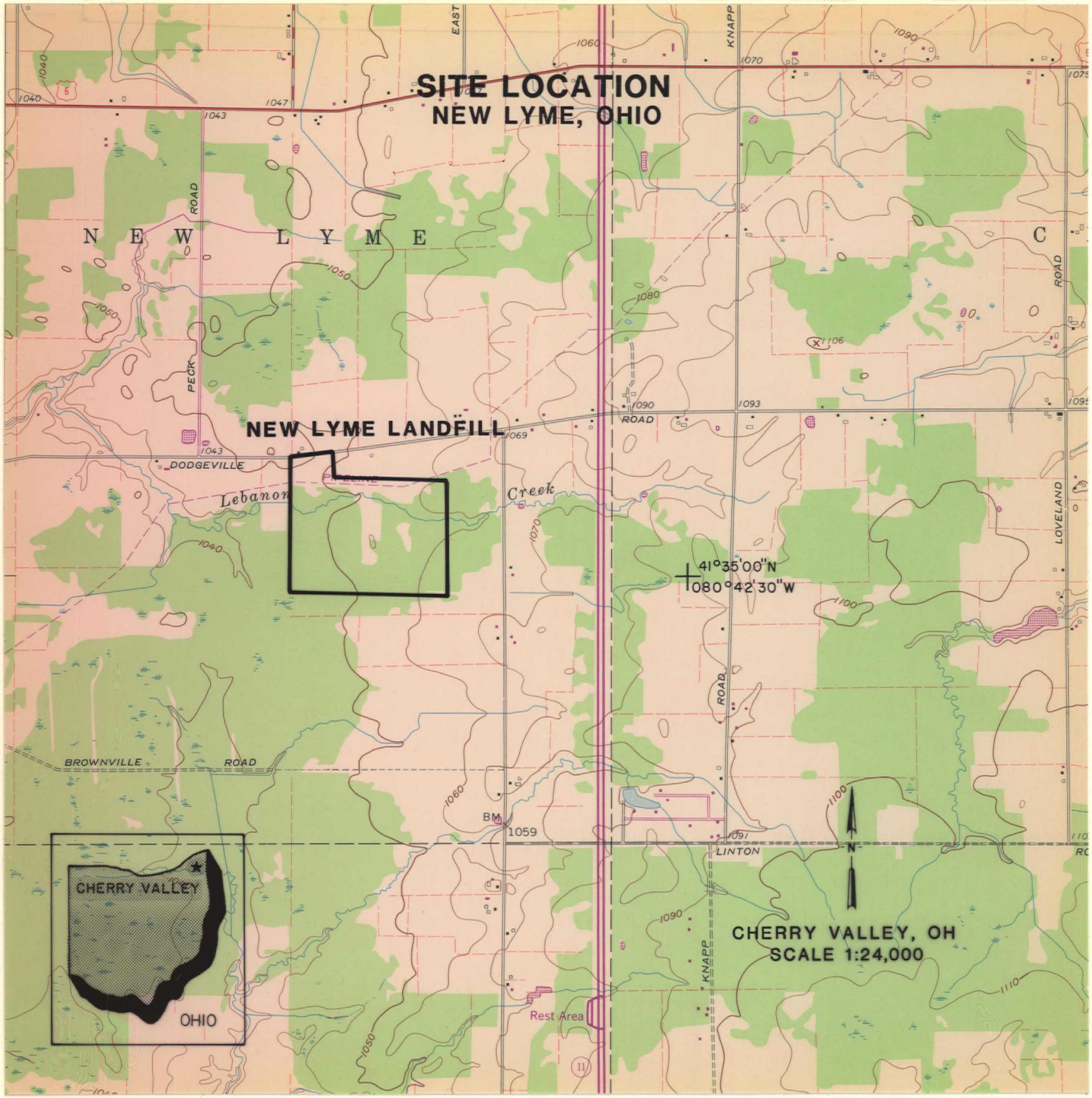

NEASE CHEMICAL
SALEM, OHIO
DATE OF PHOTOGRAPHY
MAY 31, 1984


5 31-84
NEASE CHEMICAL
SALEM, OHIO
229
DATE OF PHOTOGRAPHY
MAY 31, 1984
SCALE: VARIABLE
OBLIQUE LOOKING NORTH

DESCRIPTION
NEW LYME LANDFILL
New Lyme, Ohio

Map Reference: USGS Topographic Quadrangle: Cherry Valley, Ohio
Scale: 1:24,000
Geographic Coordinates: 41°35'05"N 080°43'45"W
County: Ashtabula Township 9N Range 3W Section 25
EPA ID No.: OHD 980794614

New Lyme Landfill occupies 40 acres in New Lyme, Ashtabula County, Ohio. Detailed plans for the site to operate as a sanitary landfill were approved in May 1971. The county closed the site in 1978 because it was not complying with several landfill regulations. While in operation, the privately-owned site accepted some industrial wastes, including cyanide sludge in drums. Leachate, containing organics, discharges from two sides of the fill area, threatening surface waters. There is also concern that ground water might be contaminated by leachate from the landfill.


SITE LOCATION
NEW LYME, OHIO
NEW LYME LANDFILL
N E W L Y M E
EAST ROAD
KNAPP ROAD
PECK ROAD
DODGEVILLE ROAD
BROWNVILLE ROAD
LINTON ROAD
LOVELAND
Lebanon
Creek
41°35'00"N
080°42'30"W
BM 1059
Rest Area
CHERRY VALLEY
OHIO
CHERRY VALLEY, OH
SCALE 1:24,000
N


NEW LYME LANDFILL
NEW LYME, OHIO
DATE OF PHOTOGRAPHY
MAY 01, 1984
APPROX. SCALE: 1" = 660'

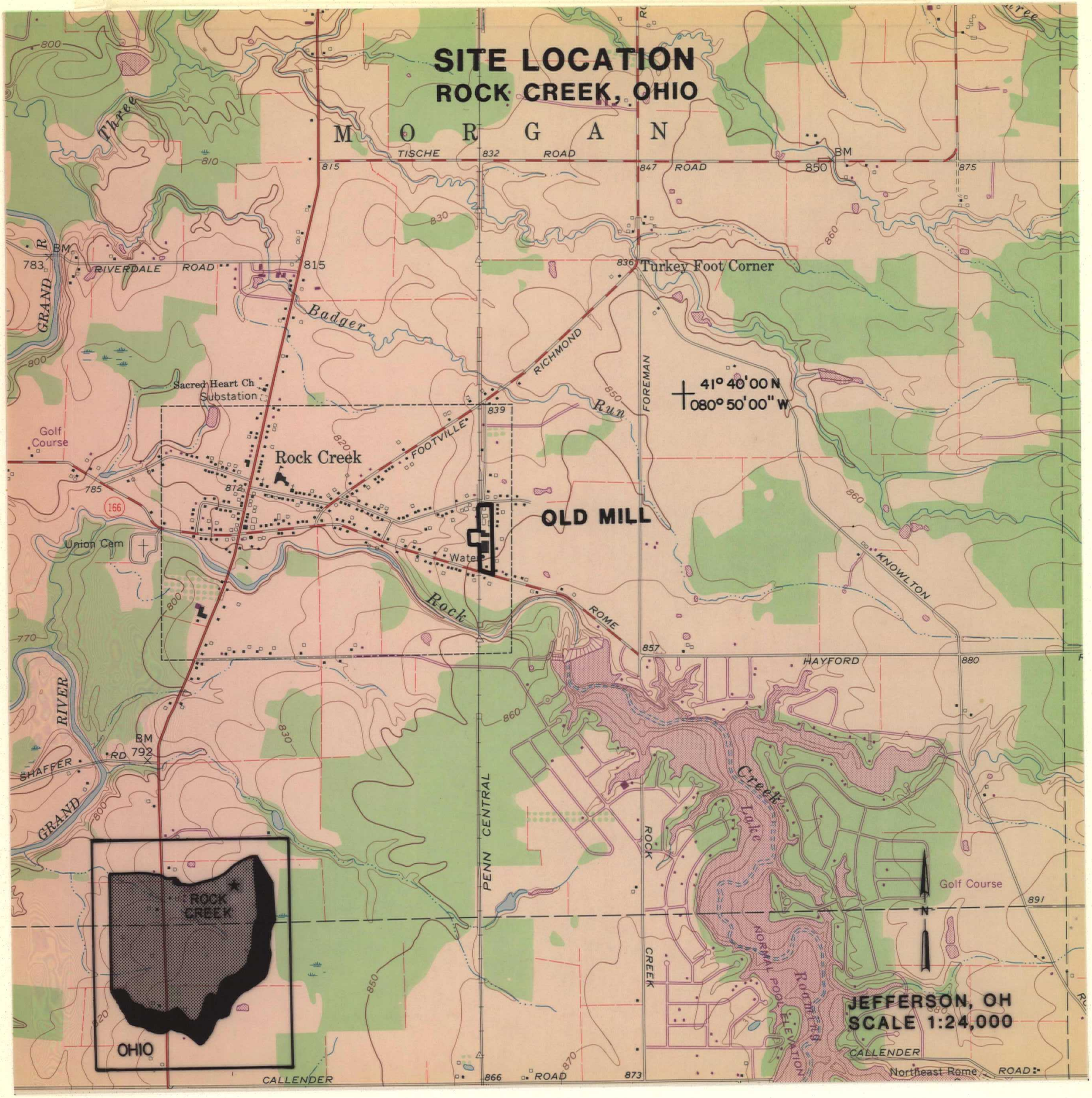

5 31 84 84058
NEW LYME LANDFILL
NEW LYME, OHIO
IN187-RN1
221

DESCRIPTION
OLD MILL
Rock Creek, Ohio

Map Reference: USGS Topographic Quadrangle: Jefferson, Ohio
Scale: 1:24,000
Geographic Coordinates: 41°39'35"N 080°50'45"W
County: Ashtabula Township 10N Range 4W
EPA ID No.: OHD 980510200

The Old Mill site in Rock Creek, Ashtabula County, Ohio, consists of two adjacent areas: a former potting soil processing operation (1 acre) and a drum storage area (5 acres). About 1,400 drums of flammable hazardous substances, including resins, solvents, oils, and aqueous/acid materials, accumulated at the site. In 1980, the owner filed for bankruptcy. PCBs have been detected on the site, which is close to a school and several houses. The possibility of fire or explosion is a concern.

This site was first listed under the name "Rock Creek/Jack Webb."


SITE LOCATION
ROCK CREEK, OHIO
MORGAN
TISCHE
832
ROAD
815
847
ROAD
850
BM
875
Three
800
810
GRAND R
BM
783
RIVERDALE ROAD
815
836
Turkey Foot Corner
Badger
830
860
RICHMOND
FOREMAN
850
Run
41° 40'00 N
080° 50'00" W
Sacred Heart Ch
Substation
839
Golf Course
Rock Creek
820
FOOTVILLE
812
785
166
OLD MILL
Union Cem
Water
KNOWLTON
860
Rock
ROME
857
HAYFORD
880
770
RIVER
BM
792
SHAFFER
RD
GRAND
800
830
860
PENN CENTRAL
ROCK CREEK
Creek
Lake
NORMAL POOL ELEVATION
Roaming
Golf Course
891
N
ROCK CREEK
OHIO
850
870
CALLENDER
866
ROAD
873
JEFFERSON, OH
SCALE 1:24,000
CALLENDER
Northeast Rome
ROAD

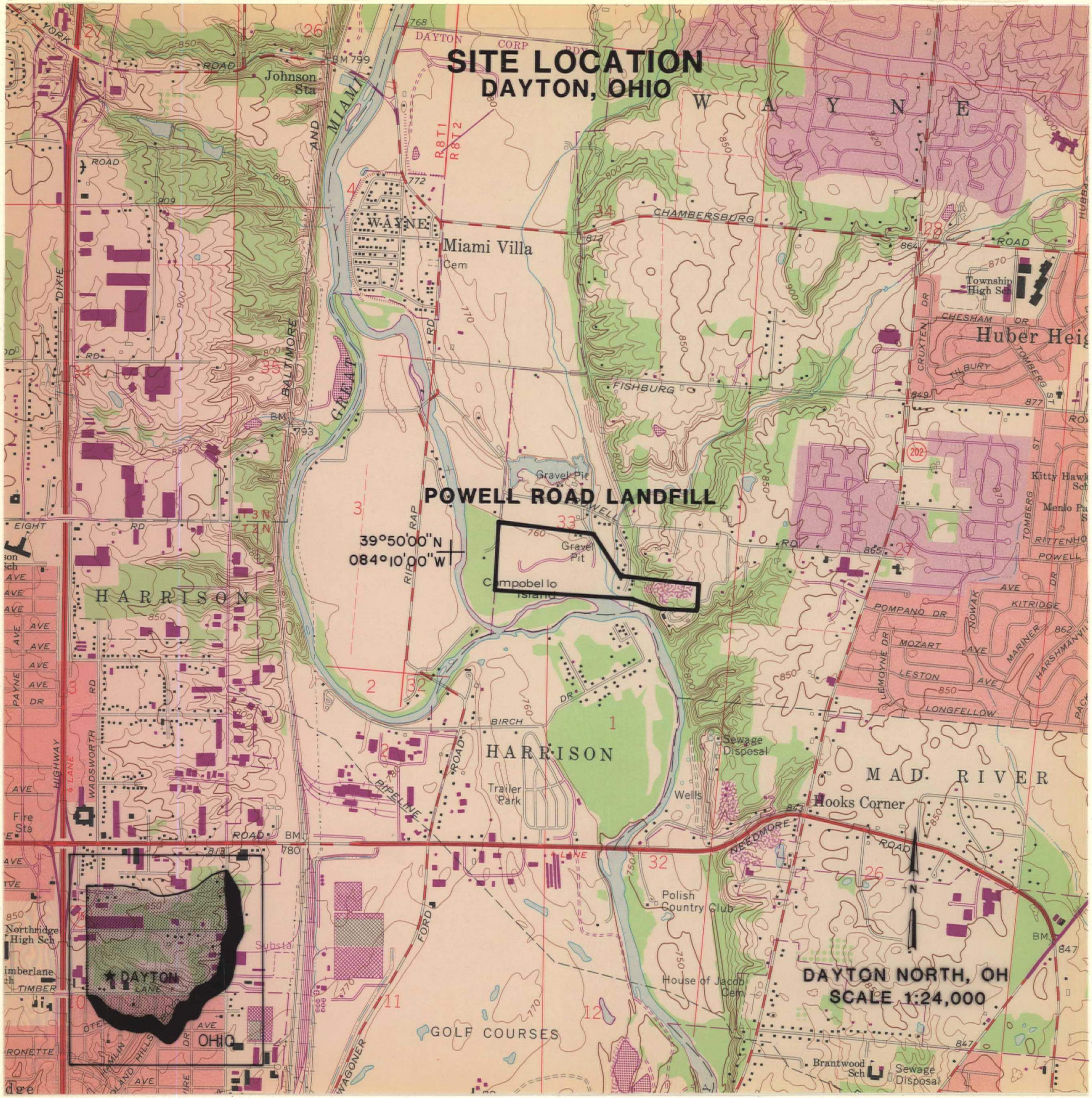

OLD MILL
ROCK CREEK, OHIO
ROCK CREEK
DATE OF PHOTOGRAPHY
JUNE 1[illegible] 1982
APPROX. SCALE 1" = 1,700'

DESCRIPTION
POWELL ROAD LANDFILL
Dayton, Ohio

Map Reference: USGS Topographic Quadrangle: Dayton North, Ohio
Scale: 1:24,000
Geographic Coordinates: 39°50'00"N 084°09'38"W
County: Montgomery Township 2N Range 8E Section 33
EPA ID No.: OHD 000382663

Powell Road Landfill covers 67 acres in Dayton, Ohio. The privately-owned operation began in 1959 and is still active. Records indicate that for approximately 2 years, at least 250 drums of wastes, including strontium chromate and benzidine, were delivered to the site every month. The wastes, in solid, sludge, and liquid form, are toxic, persistent, flammable, and highly volatile. There is no evidence of the landfill being lined, and some containers are leaking.

Ground water nearby supplies private and public wells. The surface water is used for recreational purposes. The site is filled to about 30 feet above the surrounding area.


SITE LOCATION
DAYTON, OHIO
POWELL ROAD LANDFILL
39°50'00"N
084°10'00"W
DAYTON NORTH, OH
SCALE 1:24,000
N
DAYTON
OHIO
Johnson Sta
Miami Villa
WAYNE
HARRISON
MAD RIVER
Huber Heig
Hooks Corner
Gravel Pit
Campobello Island
Township High Sch
Kitty Hawk Sch
Polish Country Club
House of Jacob Cem
Sewage Disposal
Trailer Park
Wells
GOLF COURSES
Brantwood Sch
Northridge High Sch
Fire Sta
CHAMBERSBURG ROAD
FISHBURG
POWELL RD
NEEDMORE ROAD
BALTIMORE
DIXIE
HIGHWAY
WADSWORTH RD
EIGHT RD
BIRCH
RIP RAP RD
FORD ROAD
WAGONER
PIPELINE
CRUXTEN DR
CHESHAM DR
TILBURY
TOMBERG ST
POMPANO DR
MOZART AVE
LESTON AVE
LONGFELLOW
KITRIDGE
NOWAK
MARINER
HARSHMANVILLE
RITTENHO
LEMOYNE DR


POWELL ROAD LANDFILL
DAYTON, OHIO
N
DATE OF PHOTOGRAPHY
JUNE 9, 1984
APPROX. SCALE 1"=

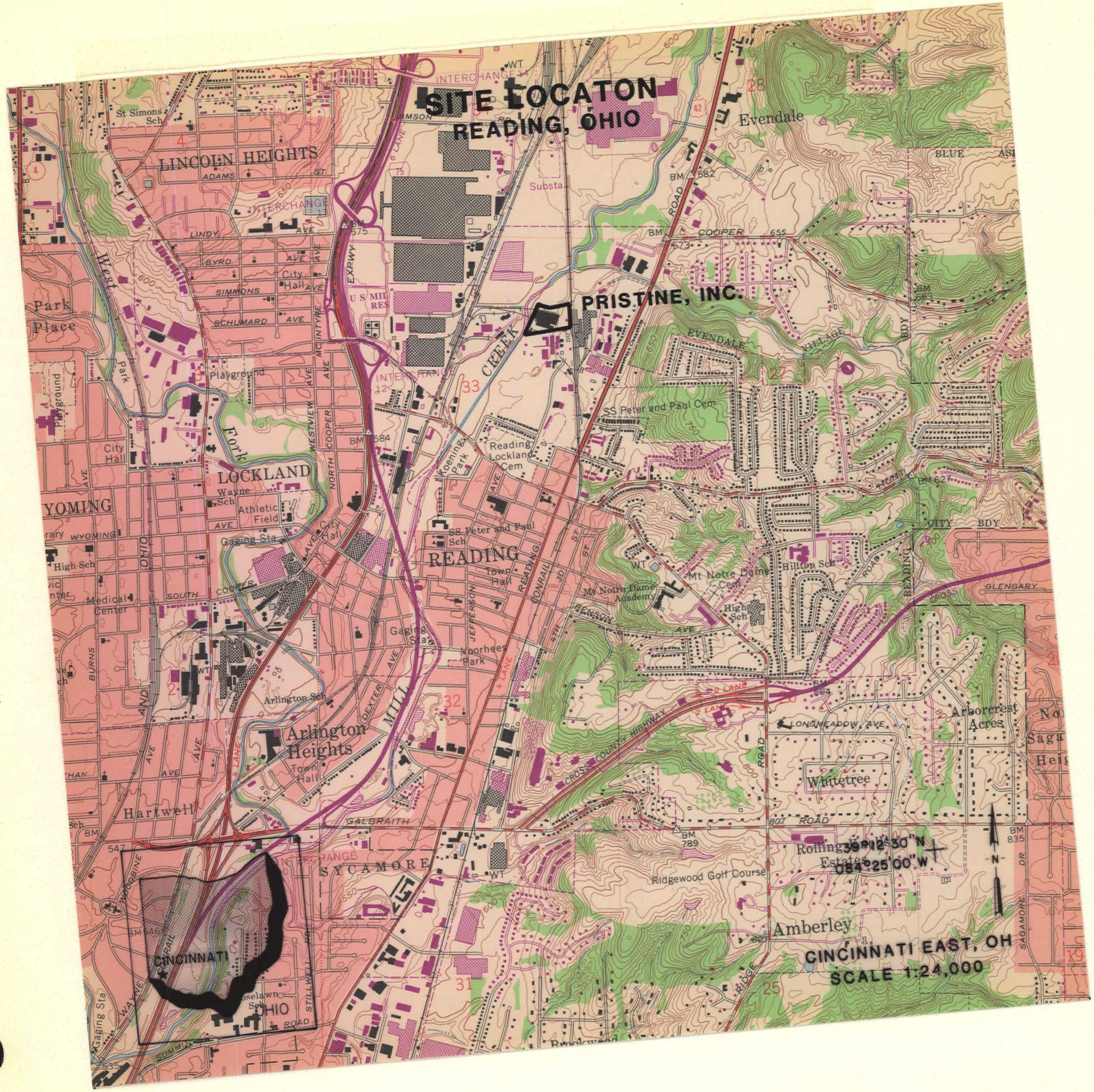

6 -9 -84 84058 LN189-RN1 316
POWELL ROAD LANDFILL
DAYTON, OHIO
DATE OF PHOTOGRAPHY
JUNE 9,
SCALE: VARIABLE
OBLIQUE LOOKING NORTH

DESCRIPTION
PRISTINE, INC.
Reading, Ohio

Map Reference: USGS Topographic Quadrangle: Cincinnati East, Ohio
Scale: 1:24,000
Geographic Coordinates: 39°14'10"N 084°26'16"W
County: Hamilton Township 4 Range 1 Section 33
EPA ID No.: OHD 076773712

The Pristine, Inc., site covers 3 acres in Reading, Ohio. It borders on a railroad track with an adjacent trailer park and on the well field supplying Reading's water. Between November 1974 and June 1980, an incinerator for liquid wastes operated on the site. In April 1979, an inspection revealed the presence of 8,000 to 10,000 drums and 13 bulk storage tanks containing a wide variety of hazardous substances. Soil was contaminated, and there was the potential for contamination of ground water and surface water as well as for fires and explosions.

After the facility closed in June 1980 as a result of State enforcement actions, responsible parties reduced the wastes to 15 drums and some bulk wastes. Threats posed by the facility have been greatly reduced, but contaminated run-off to Mill Creek may still be a problem.


SITE LOCATON
READING, OHIO
PRISTINE, INC.
LINCOLN HEIGHTS
Evendale
Park Place
LOCKLAND
READING
Arlington Heights
Hartwell
SYCAMORE
Whitetree
Arborcrest Acres
Rolling Estates
Amberley
Ridgewood Golf Course
CINCINNATI
OHIO
39°12'30"N
084°25'00"W
CINCINNATI EAST, OH
SCALE 1:24,000


PRISTINE, INC.
READING, OHIO
N
DATE OF PHOTOGRAPHY
JUNE 9, 1984
APPROX. SCALE 1:1,350

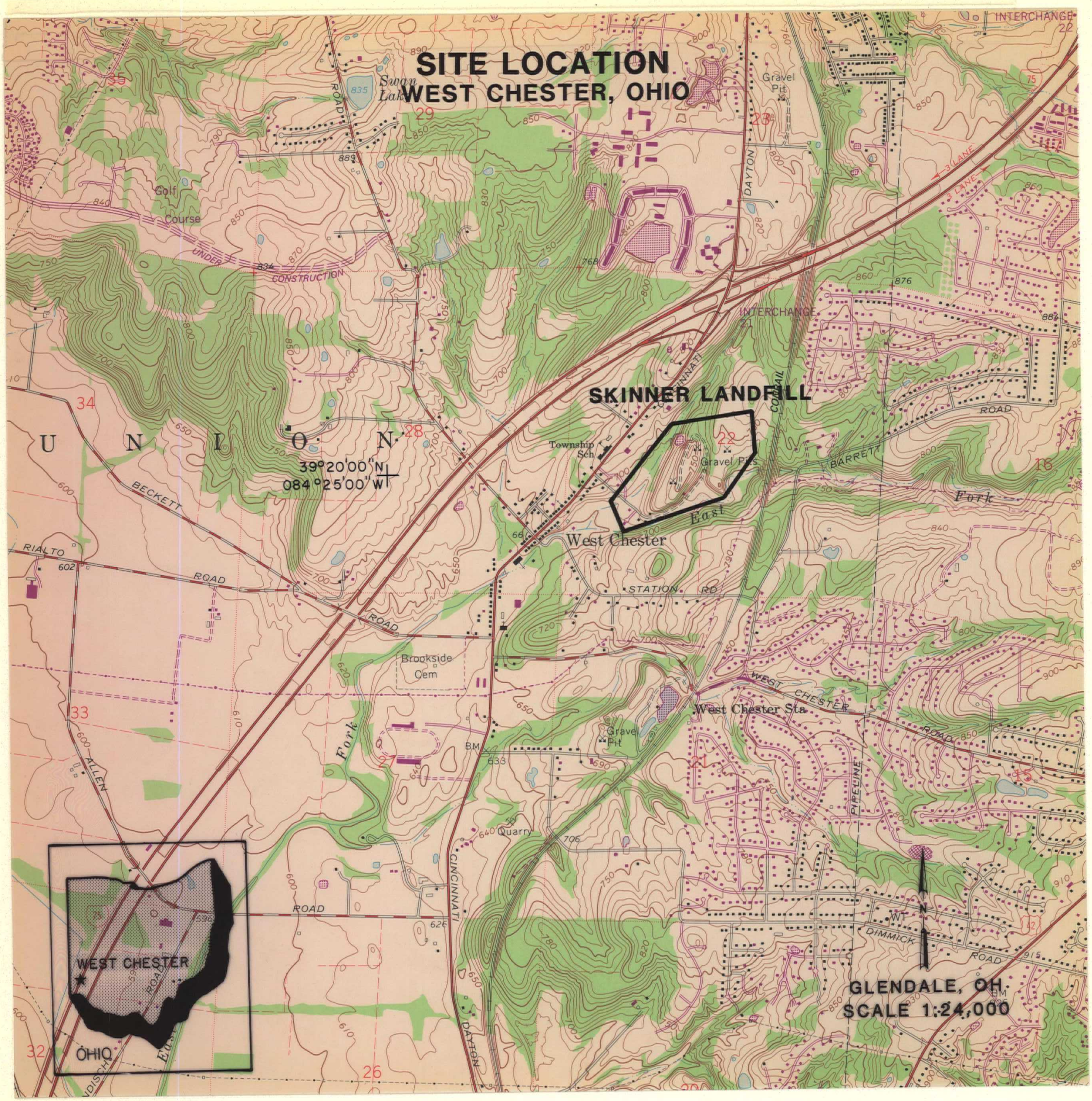

6 -9 -84
84058
PRISTINE, INC.
READING, OHIO
LN48-RN1
308
DATE OF PHOTOGRAPHY
JUNE 9, 1984
SCALE: VARIABLE
OBLIQUE LOOKING SOUTHEAST

DESCRIPTION
SKINNER LANDFILL
West Chester, Ohio

Map Reference: USGS Topographic Quadrangle: Glendale, Ohio
Scale: 1:24,000
Geographic Coordinates: 39°20'00"N 084°23'59"W
County: Butler Township 3 Range 2 Section 22
EPA ID No.: OHD 063963714

The Skinner Landfill covers 85 acres in West Chester, Ohio, on a ridge about 30 feet above the East Fork of Mill Creek. The privately-owned facility, which was never licensed, closed in the early 1970s. On-site are (1) about 100 drums containing a variety of chlorinated organics, other organics, and heavy metals and (2) a lagoon once used to dispose of similar bulk wastes. The owner indicated that old demolition bombs were also disposed of on-site.

Although no contaminants have been detected leaving the site at this time, the potential exists for contamination of private drinking wells and surface water.

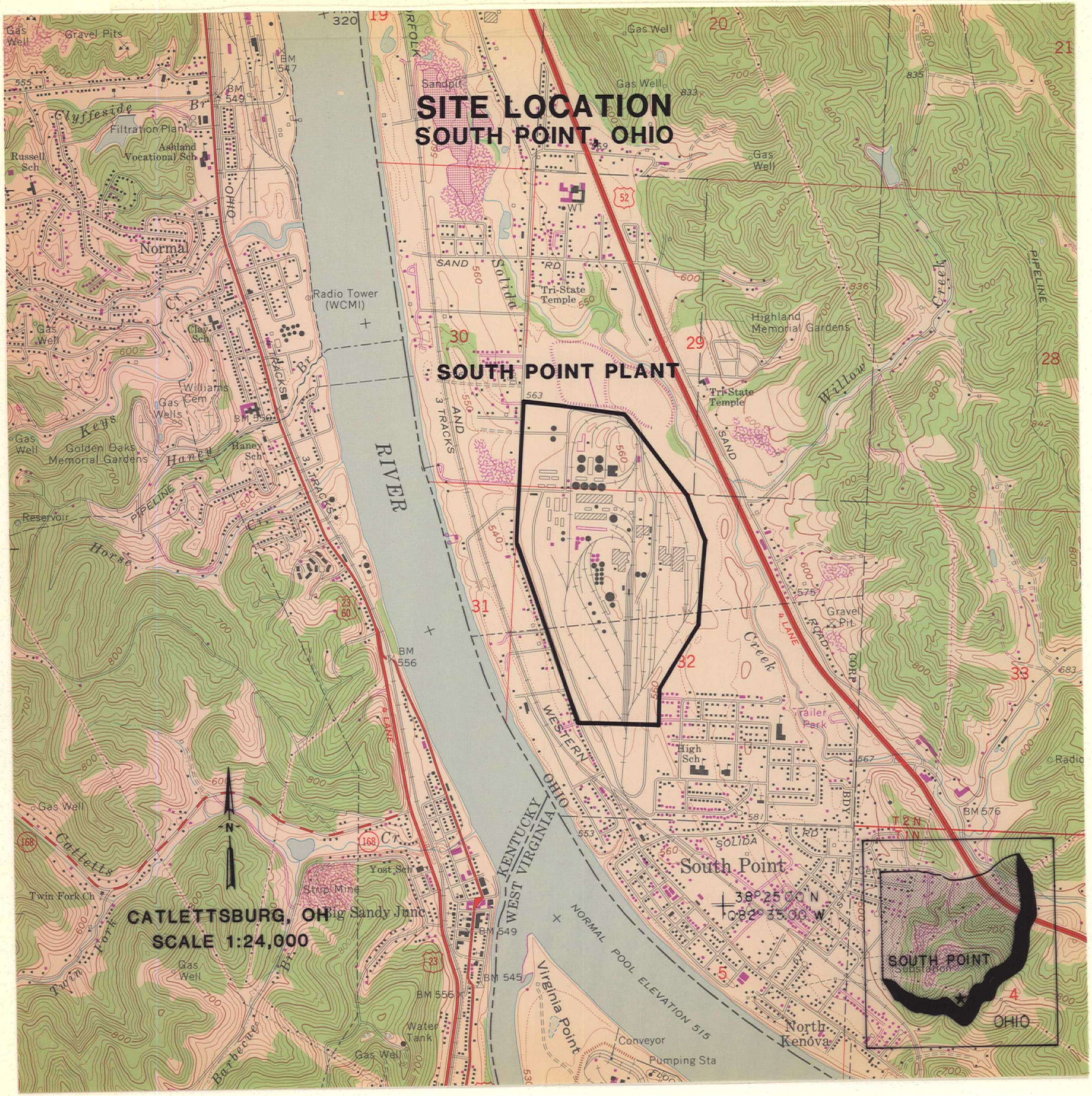

SITE LOCATION
WEST CHESTER, OHIO
SKINNER LANDFILL
West Chester
Township Sch
Gravel Pits
Gravel Pit
West Chester Sta
Brookside Cem
Quarry
Golf Course
Swan Lake
UNDER CONSTRUCTION
INTERCHANGE 21
INTERCHANGE 22
3 LANE
U N I O N
39°20'00"N
084°25'00"W
BECKETT
RIALTO ROAD
ROAD
ALLEN
STATION RD
WEST CHESTER ROAD
BARRETT ROAD
DIMMICK ROAD
CINCINNATI DAYTON
CONRAIL
PIPELINE
East Fork
Fork
WEST CHESTER
OHIO
GLENDALE, OH
SCALE 1:24,000
N


SKINNER LANDFILL
WEST CHESTER, OHIO
LM1-RN1
DATE OF PHOTOGRAPHY
MARCH 27, 1982
APPROX. SCALE 1:6,000

DESCRIPTION
SOUTH POINT PLANT
South Point, Ohio

Map Reference: USGS Topographic Quadrangle: Catlettsburg, Ohio
Scale: 1:24,000
Geographic Coordinates: 38°26'15"N 082°35'30"W
County: Lawrence Township 2N Range 17W Section 29
EPA ID No.: OHD 071650592

The South Point Plant covers 75 acres on the Ohio River floodplain in South Point, Lawrence County, Ohio. From 1943 to 1979, Allied Chemical produced ammonia, urea, nitrogen fertilizer, melamine, and formaldehyde at the site. During operations, several landfills and surface impoundments were used for disposal of process wastes. An extraordinary number of leaks and spills in production areas, plus run-off from a large fire, have contaminated the aquifer under the site with nitrates and ammonia. The South Point well field is near the plant and is in jeopardy. Contaminants also have reached the Ohio River where Ashland, Kentucky, draws its water.

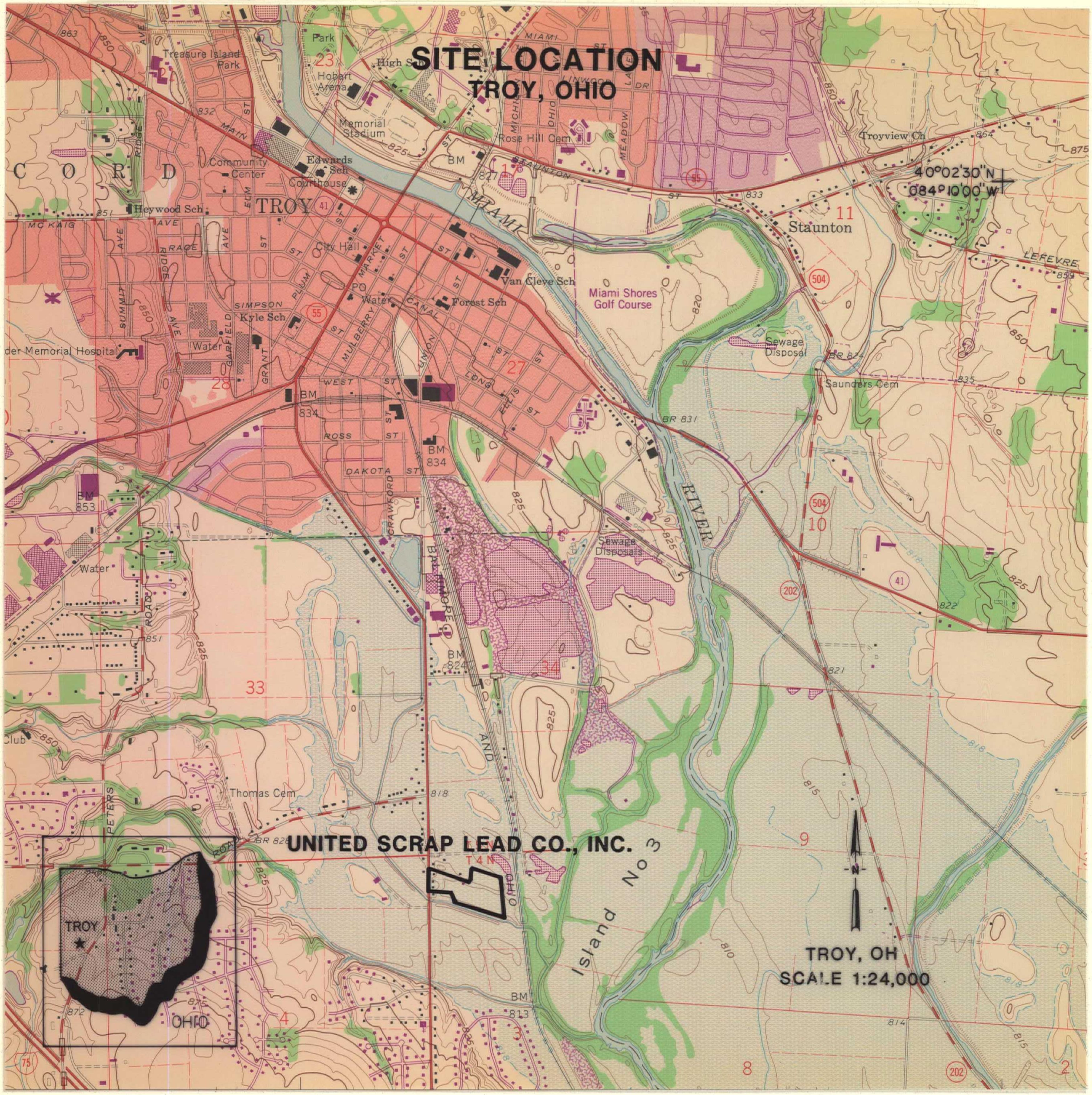

SITE LOCATION
SOUTH POINT, OHIO
SOUTH POINT PLANT
CATLETTSBURG, OH
SCALE 1:24,000
N
SOUTH POINT
OHIO
38°25'00"N
082°35'00"W
South Point
North Kenova
OHIO RIVER
KENTUCKY
WEST VIRGINIA
NORMAL POOL ELEVATION 515
Virginia Point
Conveyor
Pumping Sta
Big Sandy Junc
Strip Mine
Yost Sch
Twin Fork Ch
Catletts Cr
Normal
Clyffeside Br
Filtration Plant
Ashland Vocational Sch
Russell Sch
Clay Sch
Williams Cem
Golden Oaks Memorial Gardens
Haney Sch
Reservoir
Radio Tower (WCMI)
Sandpit
Tri-State Temple
Highland Memorial Gardens
Willow Creek
PIPELINE
High Sch
Trailer Park
Gravel Pit
Gravel Pits
Gas Well
Water Tank


SOUTH POINT PLANT
SOUTH POINT, OHIO
3
DATE OF PHOTOGRAPHY
JUNE 9, 1984
APPROX. SCALE 1:6,000

DESCRIPTION
UNITED SCRAP LEAD CO., INC.
Troy, Ohio

Map Reference: USGS Topographic Quadrangle: Troy, Ohio
Scale: 1:24,000
Geographic Coordinates: 40°00'32"N 084°11'55"W
County: Miami Township 4N Range 6E Section 3
EPA ID No.: OHD 018392928

The United Scrap Lead Co., Inc., site covers 10 acres south of Troy, Ohio. Between 1948 and 1980, the company reclaimed lead batteries, generating an estimated 32,000 cubic yards of crushed battery cases, which were used as fill material. The battery acid and rinse water were disposed of in a 12 foot by 8 foot by 9 foot infiltration pit. State files suggest that 500 to 1,000 gallons per day of water containing 14.6 percent sulfuric acid and 20 to 100 milligrams per liter of lead were discharged to the pit. Monitoring wells on site are contaminated with lead. Two residential water wells contain lead above background levels, but within the standards for drinking water.


SITE LOCATION
TROY, OHIO
40°02'30"N
084°10'00"W
UNITED SCRAP LEAD CO., INC.
TROY, OH
SCALE 1:24,000
N
TROY
OHIO
Treasure Island Park
Park
Hobart Arena
High Sch
Memorial Stadium
Rose Hill Cem
Community Center
Edwards Sch
Courthouse
Heywood Sch
City Hall
PO
Water
Van Cleve Sch
Forest Sch
Kyle Sch
Memorial Hospital
Miami Shores Golf Course
Sewage Disposal
Sewage Disposals
Staunton
Troyview Ch
Saunders Cem
Thomas Cem
Club
MIAMI RIVER
Island No 3

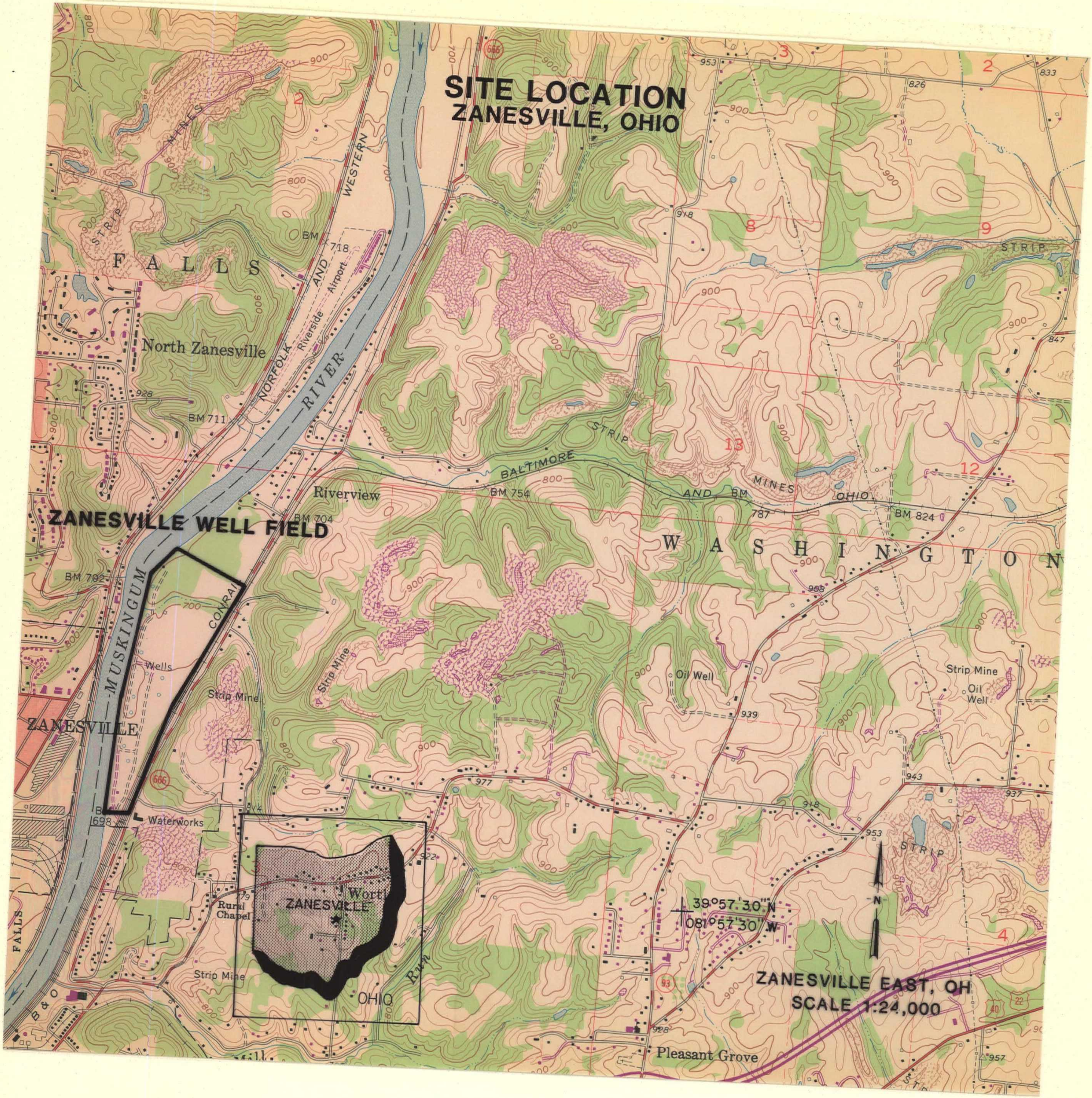

UNITED SCRAP LEAD CO., INC.
TROY, OHIO
N
DATE OF PHOTOGRAPHY
JUNE 26, 1984
APPROX. SCALE 1:1,700


6-26-84
84058
1039
UNITED SCRAP LEAD CO., INC.
TROY, OHIO
DATE OF PHOTOGR
JUNE 26, 1984
SCALE: VARIABL
OBLIQUE LOOKING

DESCRIPTION
ZANESVILLE WELL FIELD
Zanesville, Ohio

Map Reference: USGS Topographic Quadrangle: Zanesville East, Ohio
Scale: 1:24,000
Geographic Coordinates: 39°58'04"N 081°59'32"W
County: Muskegon Township 1N Range 7W Section 3,4
EPA ID No.: OHD 980794598

The Zanesville Well Field covers 1 acre northeast of Zanesville, Ohio, on the east side of Muskingum River. It supplies water to the city. In late 1981, the State found that 3 of the 13 production wells were highly contaminated. A ground water study conducted by EPA identified trichloroethylene (TCE) as a primary contaminant; lesser concentrations of dichloroethylene and chloroform were also present. The city took the three contaminated wells out of service and began flushing to remove contaminants remaining in the water lines. By August 1982, the contaminated wells were still not in use but were being continually pumped to reduce the contamination and prevent its further migration into the well field. A nearby production well was also not in use because of the danger of contamination.


SITE LOCATION
ZANESVILLE, OHIO
ZANESVILLE WELL FIELD
FALLS
North Zanesville
NORFOLK AND WESTERN
Riverside Airport
MUSKINGUM RIVER
Riverview
BALTIMORE AND OHIO
STRIP MINES
WASHINGTON
CONRAIL
Wells
Strip Mine
ZANESVILLE
Waterworks
Rural Chapel
Oil Well
Pleasant Grove
39°57'30"N
081°57'30"W
N
ZANESVILLE EAST, OH
SCALE 1:24,000
OHIO


ZANESVILLE WELL FIELD
ZANESVILLE, OHIO
LN49-RN1


4 84 84058
EN50 RN1
262
ZANESVILLE WELL FIELD
ZANESVILLE, OHIO
DATE OF PHOTOGRAPHY
JUNE 1984
SCALE VARIABLE
OBLIQUE